



Knock-out validated antibodies from Cloud-Clone

Cat.No.	Target
PAA778Hu01	B-Cell Leukemia/Lymphoma 2 (Bcl2)
PAL763Hu01	Myxovirus Resistance 1 (MX1)
PAB698Hu01	Lactate Dehydrogenase B (LDHB)
PAA009Hu01	Angiopoietin 2 (ANGPT2)
PAA849Ra01	Glycogen Phosphorylase, Liver (PYGL)
PAA153Hu01	Alpha-Fetoprotein (aFP)
PAF460Hu01	Folate Receptor 1, Adult (FOLR1)
PAB233Hu01	Cyclin Dependent Kinase 4 (CDK4)
PAA150Hu04	Carcinoembryonic Antigen (CEA)
PAB905Hu01	Interleukin 7 Receptor (IL7R)
PAC823Hu01	Thymidine Kinase 1, Soluble (TK1)
PAH838Hu01	Isocitrate Dehydrogenase 2, mitochondrial (IDH2)
PAK078Mu01	Fas Associating Death Domain Containing Protein (FADD)
PAA537Hu01	Enolase, Neuron Specific (NSE)
PAA651Hu01	Hyaluronan Binding Protein 1 (HABP1)
PAB215Hu02	Fibrinogen Beta (FGb)
PAB769Hu01	S100 Calcium Binding Protein A6 (S100A6)
PAB231Hu01	Keratin 18 (KRT18)
PAH839Hu01	Isocitrate Dehydrogenase 1, Soluble (IDH1)
PAE748Hu01	Karyopherin Alpha 2 (KPNa2)
PAB081Hu02	Heat Shock 70kDa Protein 1A (HSPA1A)
PAA778Mu01	B-Cell Leukemia/Lymphoma 2 (Bcl2)
PAA853Hu03	Caspase 8 (CASP8)
PAA399Mu01	High Mobility Group Protein 1 (HMG1)
PAA303Mu01	Galectin 3 (GAL3)
PAA537Mu02	Enolase, Neuron Specific (NSE)
PAA994Ra01	Acid Phosphatase 1 (ACP1)
PAB083Ra01	Superoxide Dismutase 2, Mitochondrial (SOD2)
PAB449Mu01	Enolase, Non Neuronal (NNE)
PAA376Mu01	Actinin Alpha 2 (ACTN2)
PAA553Ra01	Matrix Metalloproteinase 9 (MMP9)
PAA929Bo01	Retinol Binding Protein 4, Plasma (RBP4)
PAA491Ra02	Keratin 2 (KRT2)
PAC025Hu01	Keratin 8 (KRT8)
PAB231Mu01	Keratin 18 (KRT18)
PAC598Hu03	Vanin 1 (VNN1)
PAB592Po01	Caspase 1 (CASP1)
PAF494Hu01	Janus Kinase 2 (JAK2)
PAA492Hu01	Keratin 1 (KRT1)
PAA153Hu02	Alpha-Fetoprotein (aFP)



Cat.No.	Target
PAB239Hu01	Keratin 19 (KRT19)
PAH464Hu01	p21 Protein Activated Kinase 4 (PAK4)
PAA553Mu01	Matrix Metalloproteinase 9 (MMP9)
PAJ322Hu01	Cystatin B (CSTB)
PAA700Mu01	Membrane Protein, Palmitoylated 6 (MPP6)
PAC223Hu01	Actinin Alpha 4 (ACTN4)
PAE528Hu01	Phosphoglycerate Mutase 1, Brain (PGAM1)
PAG304Hu01	Phosphoglycerate Kinase 1 (PGK1)
PAJ557Hu01	Beclin 1 (BECN1)
MAC823Hu22	Thymidine Kinase 1, Soluble (TK1)
MAB062Hu22	Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)
MAE786Hu21	Annexin A3 (ANXA3)
MAE787Hu22	Annexin A1 (ANXA1)
PAA751Hu01	Programmed Cell Death Protein 1 (PDCD1)
PAA788Hu01	Programmed Cell Death Protein 1 Ligand 1 (PDCD1LG1)
MAA553Hu22	Matrix Metalloproteinase 9 (MMP9)
MAF878Hu22	Secreted Frizzled Related Protein 4 (SFRP4)
PAA271Mu01	Integrin Alpha D (ITGaD)
PAA481Hu01	Lymphotoxin Beta Receptor (LTbR)
PAA585Hu01	Cyclin D1 (CCND1)
PAA599Mu01	Granzyme A (GZMA)
PAA626Hu02	Caspase 3 (CASP3)
PAA627Hu01	Caspase 9 (CASP9)
PAA818Hu01	Tumor Necrosis Factor Receptor Superfamily, Member 10B (TNFRSF10B)
PAA862Hu01	Complement Component 2 (C2)
PAA928Hu01	Tumor Protein p53 (TP53)
PAB127Hu01	Deoxyribonuclease I (DNASE1)
PAB160Hu01	Target Of The Antiproliferative Antibody 1 (TAPA1)
PAB282Hu01	Integrin Alpha V (ITGaV)
PAB422Hu01	Early B-Cell Factor 1 (EBF1)
PAB499Hu02	Tumor Necrosis Factor Receptor Superfamily, Member 1A (TNFRSF1A)
PAB578Hu01	Receptor I For The Fc Region Of Immunoglobulin G (FcγRI)
PAB772Hu01	Guanylate Binding Protein 4 (GBP4)
PAB873Mu01	Cluster Of Differentiation 19 (CD19)
PAB895Mu01	Mannose Associated Serine Protease 1 (MASP1)
PAC166Hu01	Major Histocompatibility Complex Class II DR Alpha (MHCDRa)
PAE490Hu01	Solute Carrier Family 30 Member 8 (SLC30A8)
PAK115Mu01	NLR Family, Pyrin Domain Containing Protein 3 (NLRP3)
PAA002Mu01	Activated Leukocyte Cell Adhesion Molecule (ALCAM)
PAA066Hu01	Interleukin 1 Receptor Type I (IL1R1)



Cat.No.	Target
PAA265Hu01	Centromere Protein H (CENPH)
PAA305Hu01	Thyroxine Binding Globulin (TBG)
PAA323Hu01	Heterogeneous Nuclear Ribonucleoprotein A2/B1 (HNRPA2B1)
PAA326Hu01	Sp100 Nuclear Antigen (Sp100)
PAA330Hu01	Nitric Oxide Synthase Interacting Protein (NOSIP)
PAA399Hu02	High Mobility Group Protein 1 (HMG1)
PAA399Ra01	High Mobility Group Protein 1 (HMG1)
PAA431Hu01	Granzyme M (GZMM)
PAA442Hu01	Prohibitin (PHB)
PAA537Ra01	Enolase, Neuron Specific (NSE)
PAA588Hu01	Pyruvate Kinase, Muscle (PKM2)
PAA602Hu02	Peroxisomal Biogenesis Factor 2 (PEX2)
PAA618Hu01	Tachykinin Receptor 2 (TACR2)
PAA629Hu01	BH3 Interacting Domain Death Agonist (Bid)
PAA638Hu01	Visfatin (VF)
PAA647Bo01	Mothers Against Decapentaplegic Homolog 1 (Smad1)
PAA669Hu01	Kallikrein 11 (KLK11)
PAA693Hu01	Heat Shock 27kDa Protein 1 (HSPB1)
PAA698Hu02	Macrophage Migration Inhibitory Factor (MIF)
PAA699Hu01	Prostaglandin Endoperoxide Synthase 2 (PTGS2)
PAA711Hu02	Heparanase (HPA)
PAA712Hu01	ATPase, Na ⁺ /K ⁺ Transporting Beta 3 Polypeptide (ATP1b3)
PAA716Hu01	Glucose 6 Phosphate Dehydrogenase (G6PD)
PAA781Hu01	Cluster Of Differentiation 276 (CD276)
PAA787Hu01	Inducible T-Cell Co Stimulator Ligand (ICOSLG)
PAA822Hu01	Heat Shock 60kD Protein 1, Chaperonin (HSPD1)
PAA845Hu01	Glycogen Phosphorylase, Brain (PYGB)
PAA849Hu02	Glycogen Phosphorylase, Liver (PYGL)
PAA853Hu01	Caspase 8 (CASP8)
PAA872Mu01	Heat Shock Protein 40 (HSP40)
PAA919Hu01	Dihydrolipoyl Dehydrogenase (DLD)
PAA953Hu01	Signal Regulatory Protein Alpha (SIRPa)
PAB055Hu01	V-Myb Myeloblastosis Viral Oncogene Homolog (MYB)
PAB062Hu02	Heat Shock 70kDa Protein 1 Like Protein (HSPA1L)
PAB064Hu01	Apoptosis Inducing Factor (AIF)
PAB083Hu01	Superoxide Dismutase 2, Mitochondrial (SOD2)
PAB128Hu01	Small Nuclear Ribonucleoprotein Polypeptide D1 (SNRPD1)
PAB146Hu01	Structural Maintenance Of Chromosomes Protein 3 (SMC3)
PAB182Hu01	Taxilin Alpha (TXLNa)
PAB226Hu04	Corticosteroid Binding Globulin (CBG)
PAB246Hu01	Cytokeratin Fragment Antigen 21-1 (CYFRA21-1)
PAB250Bo01	5'-Nucleotidase, Ecto (NT5E)



Cat.No.	Target
PAB314Hu01	Glutathione Reductase (GR)
PAB333Hu01	Focal Adhesion Kinase (FAK)
PAB354Hu01	Aryl Hydrocarbon Receptor (AhR)
PAB429Hu01	Dopamine Beta Hydroxylase (DbH)
PAB451Hu01	Early Growth Response Protein 2 (EGR2)
PAB461Hu01	Azurocidin 1 (AZU1)
PAB528Hu01	Cyclophilin D (CYPD)
PAB528Ra01	Cyclophilin D (CYPD)
PAB530Hu01	Platelet Membrane Glycoprotein IV (GP4)
PAB590Hu01	Palladin (PALLD)
PAB592Hu02	Caspase 1 (CASP1)
PAB608Hu02	Nuclear Receptor Subfamily 3, Group C, Member 1 (NR3C1)
PAB617Hu01	GDP Dissociation Inhibitor 1 (GDI1)
PAB645Hu01	Phosphoglycerate Mutase 2, Muscle (PGAM2)
PAB654Hu01	Immunoglobulin Superfamily, Member 16 (IGSF16)
PAB727Hu01	Signal Transducer And Activator Of Transcription 5B (STAT5B)
PAB729Hu01	Oncoprotein Induced Transcript 3 (OIT3)
PAB738Hu01	Signal Transducer And Activator Of Transcription 5A (STAT5A)
PAB739Hu01	Signal Transducer And Activator Of Transcription 4 (STAT4)
PAB745Hu01	Phosphofructokinase, Platelet (PFKP)
PAB768Hu01	Minichromosome Maintenance Deficient 2 (MCM2)
PAB786Hu01	Receptor Interacting Serine Threonine Kinase 2 (RIPK2)
PAB789Hu01	Sialic Acid Binding Ig Like Lectin 7 (SIGLEC7)
PAB830Hu01	Transglutaminase 2, Tissue (TGM2)
PAB854Hu01	Calumenin (CALU)
PAB897Hu01	Insulin Degrading Enzyme (IDE)
PAB916Hu01	Phosphatidylserine Receptor (PSR)
PAB917Hu01	Wiskott Aldrich Syndrome Protein (WASP)
PAB931Hu01	Fumarase (FUM)
PAB931Mu01	Fumarase (FUM)
PAB958Hu01	Interferon Regulatory Factor 6 (IRF6)
PAB990Hu01	Toll Like Receptor 5 (TLR5)
PAC009Hu01	S100 Calcium Binding Protein A2 (S100A2)
PAC027Hu01	O-6-Methylguanine DNA Methyltransferase (MGMT)
PAC057Hu01	Receptor Activator Of Nuclear Factor Kappa B (RANK)
PAC072Hu01	Protein O-Fucosyltransferase 1 (POFUT1)
PAC083Hu01	Laminin Gamma 2 (LAMC2)
PAC086Hu01	Major Histocompatibility Complex Class I C (MHCC)
PAC123Hu01	Mothers Against Decapentaplegic Homolog 3 (Smad3)
PAC256Hu01	Survival Of Motor Neuron 1, Telomeric (SMN1)
PAC258Hu01	Exportin 1 (XPO1)
PAC276Hu01	Aminoacylase 1 (ACY1)



Cat.No.	Target
PAC280Mu01	Adducin 1 (ADD1)
PAC282Hu01	Adhesion Regulating Molecule 1 (ADRM1)
PAC307Hu01	Ancient Ubiquitous Protein 1 (AUP1)
PAC356Hu01	Calcium Modulating Ligand (CAMLG)
PAC363Hu01	Chromobox Homolog 3 (CBX3)
PAC418Hu01	Catalase (CAT)
PAC446Hu01	Dyskerin (DKC)
PAC490Ra01	Fibrillarlin (FBL)
PAC496Hu01	Grancalcin (GCA)
PAC513Hu03	Granulin (GRN)
PAC534Hu01	Histidine Rich Glycoprotein (HRG)
PAC567Hu01	Lectin, Mannose Binding 1 (LMAN1)
PAC601Hu01	Valosin Containing Protein (VCP)
PAC606Hu01	Inhibitor Of Apoptosis Protein, X-Linked (XIAP)
PAC607Mu01	Xylosyltransferase II (XYLT2)
PAC626Hu01	Mitochondrial Ribosomal Protein L1 (MRPL1)
PAC662Hu01	Neuro Oncological Ventral Antigen 1 (NOVA1)
PAC664Mu02	Nucleophosmin (NPM)
PAC723Hu01	Phosphoglucomutase 1 (PGM1)
PAC750Hu01	Phenylalanine Hydroxylase (PAH)
PAC756Hu01	Prosaposin (PSAP)
PAC817Mu01	Thiosulfate Sulfurtransferase (TST)
PAC836Hu01	Secernin 1 (SCRN1)
PAC837Hu01	Syntenin 1 (ST1)
PAC870Mu01	Signal Recognition Particle Receptor B (SRPRB)
PAC878Hu01	Syntaxin 2 (STX2)
PAC962Hu01	Calpain 9 (CAPN9)
PAC969Hu01	Cathepsin Z (CTSZ)
PAC994Hu01	Glutathione Peroxidase 4 (GPX4)
PAC995Hu01	Asparaginyl tRNA Synthetase (NARS)
PAD002Hu01	Lysyl tRNA Synthetase (KARS)
PAD005Hu01	Methionyl tRNA Synthetase (MARS)
PAD005Mu01	Methionyl tRNA Synthetase (MARS)
PAD006Hu01	Aspartyl tRNA Synthetase (DARS)
PAD069Mu01	Discs, Large Homolog 5 (DLG5)
PAD166Hu01	Ribonuclease H2 Subunit A (RNASEH2A)
PAD173Hu01	Stromal Cell Derived Factor 2 Like Protein 1 (SDF2L1)
PAD195Hu01	Collagen Type III Alpha 1 (COL3a1)
PAD264Hu01	Cyclin B (CCNB)
PAD327Hu01	Proteasome 26S Subunit, ATPase 1 (PSMC1)
PAD352Hu02	Hexokinase 2 (HK2)
PAD390Hu01	Cytoplasmic Antiproteinase 3 (CAP3)



Cat.No.	Target
PAD498Hu01	Survival Of Motor Neuron 2, Centromeric (SMN2)
PAD540Hu01	Cytochrome P450 26A1 (CYP26A1)
PAD562Hu01	Mitogen Activated Protein Kinase Kinase 2 (MAP2K2)
PAD614Hu01	Protein Tyrosine Phosphatase F Interacting Protein 1 (PPFIA1)
PAD638Hu01	ATP Binding Cassette Transporter B8 (ABCB8)
PAD644Hu01	ATP Binding Cassette Transporter F1 (ABCF1)
PAD652Mu01	ATP Binding Cassette Transporter D2 (ABCD2)
PAD760Hu01	Asparagine Synthetase (ASNS)
PAD771Hu01	High Mobility Group Protein 20B (HMG20B)
PAD771Mu01	High Mobility Group Protein 20B (HMG20B)
PAD773Hu01	High Mobility Group Box Protein 3 (HMGB3)
PAD774Hu01	Protein Disulfide Isomerase A4 (PDIA4)
PAD861Hu01	Phosphoserine Aminotransferase 1 (PSAT1)
PAD907Hu01	Dipeptidyl Peptidase 3 (DPP3)
PAD910Hu01	General Transcription Factor IIIA (GTF3A)
PAD947Hu01	RAR Related Orphan Receptor Alpha (RORa)
PAE122Hu01	Ephrin Type A Receptor 10 (EPHA10)
PAE217Hu01	Serine Hydroxymethyltransferase 2, Mitochondrial (SHMT2)
PAE275Hu01	Spleen Tyrosine Kinase (SYK)
PAE600Hu01	Ubiquitin Conjugating Enzyme E2I (UBE2I)
PAE602Hu01	Ubiquitin Conjugating Enzyme E2L3 (UBE2L3)
PAE622Hu01	Cyclin Dependent Kinase 18 (CDK18)
PAE645Hu01	FK506 Binding Protein 5 (FKBP5)
PAE670Hu01	SHC-Transforming Protein 3 (SHC3)
PAE677Hu01	FK506 Binding Protein 7 (FKBP7)
PAE763Hu01	Interleukin 31 Receptor A (IL31RA)
PAE779Hu01	Annexin A9 (ANXA9)
PAF020Hu01	Eukaryotic Translation Elongation Factor 1 Alpha 1 (EEF1a1)
PAF212Hu01	Anthrax Toxin Receptor 2 (ANTXR2)
PAF335Hu01	Cysteine And Glycine Rich Protein 1 (CSRP1)
PAF468Hu01	Growth Factor Receptor Bound Protein 10 (Grb10)
PAF484Hu01	Recoverin (RCVRN)
PAF625Mu01	Chordin Like Protein 1 (CHRDL1)
PAF878Hu01	Secreted Frizzled Related Protein 4 (SFRP4)
PAF883Hu01	S-Phase Kinase Associated Protein 1 (SKP1)
PAF897Hu01	Calmodulin Like Protein 5 (CALML5)
PAF898Hu01	Calmodulin Like Protein 3 (CALML3)
PAG200Hu01	Epithelial Stromal Interaction 1, Breast (EPSTI1)
PAG260Hu01	Proteasome Subunit Alpha Type 5 (PSMa5)
PAG273Hu01	Proteasome Subunit Beta Type 6 (PSMb6)
PAG277Hu01	Proteasome 26S Subunit, ATPase 2 (PSMC2)
PAG281Hu01	Proteasome 26S Subunit, Non ATPase 5 (PSMD5)



Cat.No.	Target
PAG476Hu01	Histidine Decarboxylase (HDC)
PAG751Hu01	TNF Receptor Associated Factor 6 (TRAF6)
PAG754Hu01	TNF Receptor Associated Factor 4 (TRAF4)
PAG807Hu01	Lysine Specific Demethylase 4A (KDM4A)
PAG945Ra01	Ubiquitin Carboxyl Terminal Hydrolase L1 (UCHL1)
PAG963Hu01	Thymidylate Synthetase (TYMS)
PAG991Hu01	TTK Protein Kinase (TTK)
PAH019Hu01	Transketolase (TKT)
PAH019Ra01	Transketolase (TKT)
PAH120Hu01	Stress Induced Phosphoprotein 1 (STIP1)
PAH138Mu01	Serine Palmitoyltransferase, Long Chain Base Subunit 1 (SPTLC1)
PAH179Hu01	Stratifin (SFN)
PAH197Hu01	Suprabasin (SBSN)
PAH413Hu01	Phosphohistidine Phosphatase 1 (PHPT1)
PAH428Hu01	Prenylcysteine Oxidase 1 (PCYOX1)
PAH468Hu01	p21 Protein Activated Kinase 2 (PAK2)
PAH469Hu01	p21 Protein Activated Kinase 1 (PAK1)
PAH530Hu01	Nicotinamide-N-Methyltransferase (NNMT)
PAH620Hu01	Mannose Phosphate Isomerase (MPI)
PAH858Hu01	T-Box Protein 3 (TBX3)
PAJ026Mu01	Glutaminase (GLS)
PAJ051Hu01	Guanine Deaminase (GDA)
PAJ269Hu01	UDP-Glucose Glycoprotein Glucosyltransferase 1 (UGGT1)
PAJ353Hu01	Coactosin Like Protein 1 (COTL1)
PAJ550Hu01	Biliverdin Reductase B (BLVRB)
PAJ636Hu01	Acidic Nuclear Phosphoprotein 32 Family, Member A (ANP32A)
PAJ794Hu01	NADH Dehydrogenase Ubiquinone Fe-S Protein 1 (NDUFS1)
PAJ934Hu01	Numb Homolog (NUMB)
PAL008Hu01	Sprouty Homolog 2 (SPRY2)
PAL059Hu01	Parkinson Disease Protein 7 (PARK7)
PAL096Hu01	Programmed Cell Death Protein 6 (PDCD6)
PAL292Hu01	Chaperonin Containing TCP1, Subunit 2 (CCT2)
PAL523Hu01	FK506 Binding Protein Like Protein (FKBPL)
PAL605Hu01	Interferon Inducible Protein 35 (IFI35)
PAL624Hu01	Inositol Polyphosphate-4-Phosphatase Type I 107kDa (INPP4A)
PAL648Hu01	Kelch Like ECH Associated Protein 1 (KEAP1)
PAM449Hu01	Canopy 2 Homolog (CNPY2)
PAP108Hu01	Caspase Recruitment Domain Family, Member 9 (CARD9)
PAP750Hu01	RAD51 Homolog (RAD51)
PAP779Hu01	Proteasome 26S Subunit, Non ATPase 9 (PSMD9)
PAQ201Hu01	Aldose Reductase Like Protein 1 (ARL1)

Cat.No.	Target
PAQ311Hu01	Proteasome 26S Subunit, Non ATPase 6 (PSMD6)
PAA244Hu02	Caspase 2 (CASP2)
PAA321Hu01	Galectin 1 (GAL1)
PAD664Hu01	Acetyl Coenzyme A Acetyltransferase 1 (ACAT1)
PAE661Hu01	Ubiquitin Conjugating Enzyme E2S (UBE2S)
PAE827Hu01	Aldehyde Dehydrogenase 1 Family, Member B1 (ALDH1B1)
PAG511Hu01	Proteolipid Protein 2, Colonic Epithelium Enriched (PLP2)
PAJ683Mu03	Aconitase 1 (ACO1)
PAP729Hu01	Rh Blood Group, D Antigen (RHD)

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