

Mouse Cluster Of Differentiation 55 (CD55) Monoclonal Antibody | anti-CD55 antibody

Monoclonal Antibody to Cluster Of Differentiation 55 (CD55)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152914	Mouse	Human, Rat, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

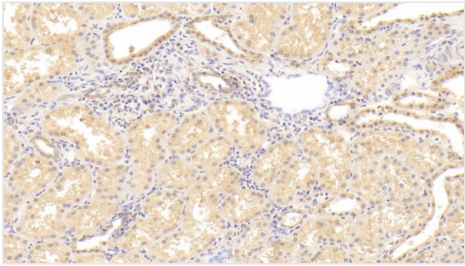
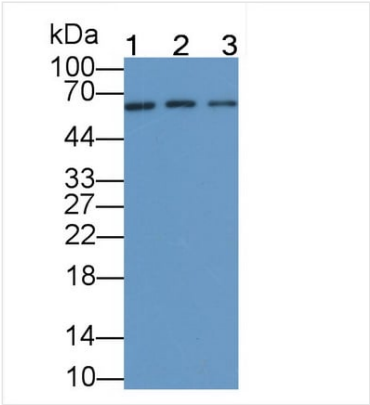
PRODUCT SYNONYMS

Cluster Of Differentiation 55 (CD55); Monoclonal Antibody; Monoclonal Antibody to Cluster Of Differentiation 55 (CD55); Cluster Of Differentiation 55; DAF; CR; TC; Complement decay-accelerating factor; Decay Accelerating Factor; anti-CD55 antibody

PRODUCT SPECIFICATIONS

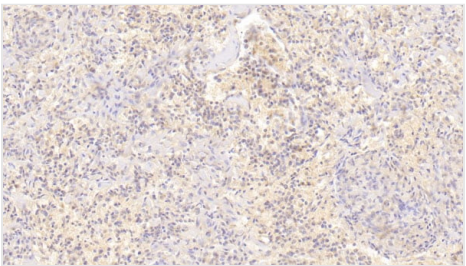
Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG
Clone Number	C4
Specificity	The antibody is a mouse monoclonal antibody raised against CD55. It has been selected for its ability to recognize CD55 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asp35~Gly285
Applicable Applications for anti-CD55 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

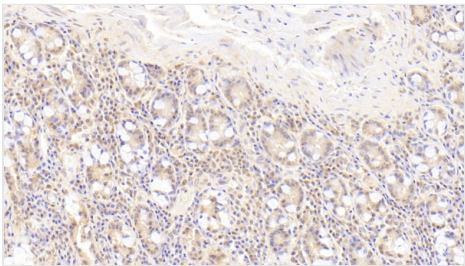


IHC (Immunohistochemisry)
DAB staining on IHC-P;Sample: human Kidney Tissue; Primary Ab: 30ug/ml Mouse Anti-human DAF AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: Rat CerebUM lysate; Lane2: Rat Placenta lysate; Lane3: A549 cell lysate Primary Ab: 2 ug/ml Mouse Anti-human DAF Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohiostchemistry)
DAB staining on IHC-P;Sample: human Spleen Tissue; Primary Ab: 30ug/ml Mouse Anti-human DAF AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Small intestine Tissue; Primary Ab: 30ug/ml Mouse Anti-human DAF Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD55 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Apoptosis
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10835143
NCBI GeneID	1604
NCBI Accession #	NP_000565.1
NCBI GenBank Nucleotide #	NM_000574.3
UniProt Accession #	P08174; P09679; P78361; B1AP14; D3DT83; D3DT84
Molecular Weight	41,400 Da
NCBI Official Full Name	complement decay-accelerating factor isoform 1 preproprotein
NCBI Official Synonym Full Names	CD55 molecule, decay accelerating factor for complement (Cromer blood group)
NCBI Official Symbol	CD55
NCBI Official Synonym Symbols	CR; TC; DAF; CROM
NCBI Protein Information	complement decay-accelerating factor; CD55 antigen
UniProt Protein Name	Complement decay-accelerating factor

UniProt Gene Name	CD55
UniProt Synonym Gene Names	CR; DAF
UniProt Entry Name	DAF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cluster-of-differentiation-55-cd55-antibody-clone-c4-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152914>