

Rabbit anti-Human, Mouse CD55 Polyclonal Antibody | anti-CD55 antibody

CD55 Polyclonal Antibody

CATALOG # AAA281162	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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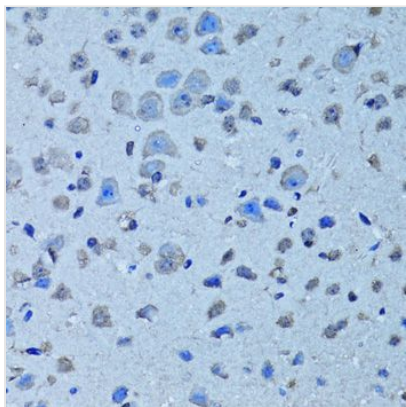
PRODUCT SYNONYMS

CD55; Polyclonal Antibody; CD55 Polyclonal Antibody; CR; CROM; DAF; TC; anti-CD55 antibody

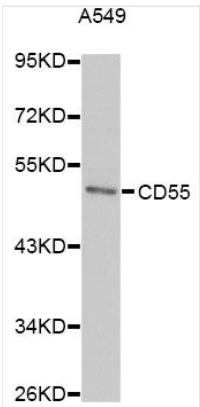
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	PDVPNAQPAL EGRTSFPEDT VITYKCEESF VKIPGEKDSV ICLKGSQWSD IEEFCNRSCE VPTRLNSASL KQPYITQNYF PVGTVVEYEC RPYGRREPSL SPKLTCLQNL KWSTAVEFCK KKSCPNPGEI RNGQIDVPGG ILFGATISFS CNTGYKLFGS TSSFCLISGS SVQWSDPLPE CREIYCPAPP QIDNGIIQGE RDHYGYRQSV TYACNKGFTM IGEHSIYCTV NNDEGEWSGP PPECRGKSLT SKVPP
Sequence Length	381
Applicable Applications for anti-CD55 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human CD55
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, GPI-anchor, Lipid-anchor, Secreted, Single-pass type I membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse brain using CD55 antibody at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of A-549 cells, using CD55 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD55 antibody	This gene encodes a glycoprotein involved in the regulation of the complement cascade. Binding of the encoded protein to complement proteins accelerates their decay, thereby disrupting the cascade and preventing damage to host cells. Antigens present on this protein constitute the Cromer blood group system (CROM). Alternative splicing results in multiple transcript variants. The predominant transcript variant encodes a membrane-bound protein, but alternatively spliced transcripts may produce soluble proteins.
Product Categories/Family for anti-CD55 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835143
NCBI GeneID	1604
NCBI Accession #	NP_000565.1
NCBI GenBank Nucleotide #	NM_000574.4
UniProt Accession #	P08174; P09679; P78361; Q14UF2; Q14UF3; Q14UF4; Q14UF5; Q14UF6; B1AP14; D3DT83; D3DT84; E7ER69
Molecular Weight	Calculated: 39kDa; 41kDa; 48kDa; 56kDa; 59kDa Observed: 51kDa
NCBI Official Full Name	complement decay-accelerating factor isoform 1 preproprotein
NCBI Official Synonym Full Names	CD55 molecule (Cromer blood group)
NCBI Official Symbol	CD55
NCBI Official Synonym Symbols	CR; TC; DAF; CROM; CHAPLE
NCBI Protein Information	complement decay-accelerating factor
UniProt Protein Name	Complement decay-accelerating factor
UniProt Gene Name	CD55
UniProt Synonym Gene Names	CR; DAF

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.

