

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

Anti-CD55 Antibody

CATALOG # AAA46557	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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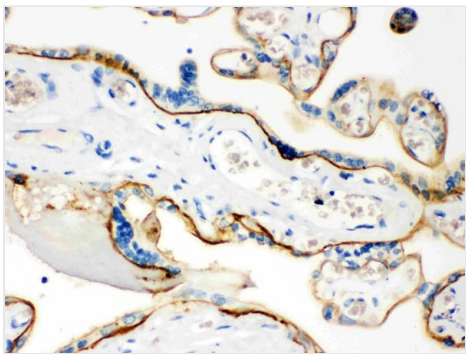
PRODUCT SYNONYMS

CD55; Polyclonal Antibody; Anti-CD55 Antibody; Complement decay-accelerating factor; CD 55; CD55 antigen; CD55 Cromer blood group system; CD55 molecule; decay accelerating factor for complement (Cromer blood group); Cd55a; Complement decay accelerating factor; GPI-anchored; CR; CROM; Cromer Blood Group antigen; Cromer blood group system; DAF; Daf-GPI; DAF_HUMAN; Daf1; Dcay accelerating factor for complement (CD55; Cromer blood group system); Decay accelerating factor 1; isoform CRA_a; Decay accelerating factor (GPI-form); Decay Accelerating Factor for Complement; Decay accelerating factor GPI-form; Decay accelerating factor soluble-form; GPI-DAF; TC; anti-CD55 antibody

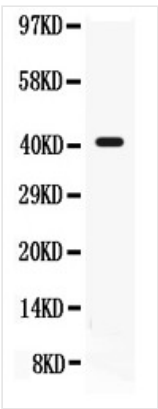
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized
Sequence Length	381
Applicable Applications for anti-CD55 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human CD55 recombinant protein (Position: D35-K347). Human CD55 shares 49.1% amino acid (aa) sequence identity with mouse CD55.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti- CD55 Picoband antibody, AAA46557, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)
Anti- CD55 Picoband antibody, AAA46557, Western blottingAll lanes: Anti CD55 (AAA46557)
at 0.5ug/mlWB: K562 Whole Cell Lysate at 40ugPredicted bind size: 41KDObserved bind size:
41KD

ADDITIONAL INFORMATION

Related Product Information for anti-CD55 antibody	Description: Rabbit IgG polyclonal antibody for Complement decay-accelerating factor(CD55) detection. Tested with WB, IHC-P in Human;Mouse. Background: Complement decay-accelerating factor, also known as CD55 or DAF, is a protein that, in humans, is encoded by the CD55 gene. 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.
References	1. Medof ME, Lublin DM, Holers VM, Ayers DJ, Getty RR, Leykam JF, Atkinson JP, Tykocinski ML (April 1987). "Cloning and characterization of cDNAs encoding the complete sequence of decay-accelerating factor of human complement". Proc. Natl. Acad. Sci. U.S.A. 84 (7): 2007-11.

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	59,038 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd55-antibody-immunohistochemistry-western-blot-elisa/46557>