

CD44 antigen (CD44) Active Protein | CD44 active protein

Recombinant Macaca fascicularis CD44 antigen (CD44), partial (Active)

CATALOG #
AAA279240

HOST
Mammalian Cell

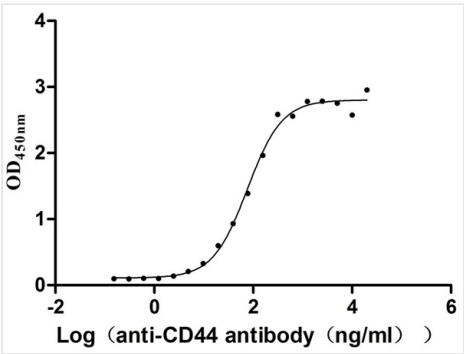
PRODUCT SYNONYMS

CD44 antigen (CD44); Recombinant Macaca fascicularis CD44 antigen (CD44); partial (Active); Extracellular matrix receptor III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; Hermes antigen; Hyaluronate receptor; Phagocytic glycoprotein 1; Phagocytic glycoprotein I; CD44 active protein

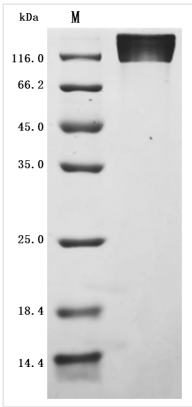
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder Lyophilized from a 0.2 um filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Sequence Positions	21-650aa; Partial
Sequence	QIDLNITCRF AGVFHVEKNG RYSISRTEAA DLCKAFNSTL PTMAQMEKAL SVGFETCRYG FIEGHVVIPR IQPNSICAAN HTGVYILTSN TSQYDTYCFN ASAPPKEDCT SVTDLPNAFD GPITITIVNP DGTRYIKKGE YRTNPEDIYP SNPTDDDVSS GSSSERSSTS GGYIFHTFST AHPIDEDGP WITDSTDRIIP ATTLMTSAT ATETATKRQE TQDWFSWLFL PSESKNHLHT TTQMAGTSSN TISAGWEPNE ENEDERDRHL SFGSGIDDD EDFISSTIST TPRVFDHTKQ NKDWTQWNPS HSNPEVLLQT TARITADVDR NGTTAHEGNW NPEAHPPLIH HEHHEEETP HSTSTIQAIIP SSTTEETATQ KEQWFGNRWH EGYLQTPRED SHSTTGTAAG SALTSHPMQG RTTPSPEDSS WTDFFDPISH PMGRGHQAGR RMDMDSSHST TLQPTADPNT GLVEDLDRTG PLSMTTKQSN SQSFSTSEHG LEEDKDHPPT STLTSSNRND VTGGRRDPNH SEGSTTLLEG YTSHPDTKE SRTFIPVTS KTGSFGVTEV TVGDSNSNVN HSLSGDQDAF YPSGGSHTTH GSESAGHSHG SQEGGANTTS GPRVTPQIPE \$
Species	Macaca fascicularis (Crab-eating macaque)(Cynomolgus monkey)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Research Area	Cancer
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Macaca fascicularis CD44 at 2 ug/mL can bind Anti-CD44 monoclonal antibody, the EC50 is 64.18-90.91 ng/mL.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

IMAGES



Bioactivity
Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* CD44 at 2 ?g/ml can bind Anti-CD44 monoclonal antibody, the EC50 is 64.18-90.91 ng/mL.



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Related Product Information for CD44 active protein	Lacks conserved residue(s) required for the propagation of feature annotation.
Product Categories/Family for CD44 active protein	Active Protein & In Stock Protein

NCBI AND UNIPROT INFORMATION

UniProt Accession #	A0A2K5VJE0
Molecular Weight	71.6kDa

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/mammalian-cell-active-protein/cd44-antigen-cd44/279240>