Mouse CD44 Monoclonal Antibody | anti-CD44 antibody

MOUSE ANTI HORSE CD44

CATALOG #	HOST	APPLICATIONS
AAA50176	**Mouse**	**Flow Cytometry, Functional Assay, Immunohistochemistry**

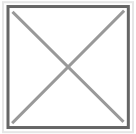
PRODUCT SYNONYMS

CD44; Monoclonal Antibody; MOUSE ANTI HORSE CD44; anti-CD44 antibody

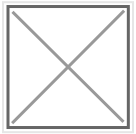
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	CVS18
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-CD44 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide (NaN3) Preparation
Immunogen	Equine leucocytes Fusion Partners
Target Species	Horse
Preparation and Storage	Store at 4 degree C for one month or at -20 degree C for longer. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Staining of equine peripheral blood lymphocytes with Mouse anti Equine CD44:FITC



Application Data
Staining of equine peripheral blood lymphocytes with Mouse anti Equine CD44:FITC

Application Data
Staining of equine peripheral blood lymphocytes with Mouse anti Equine CD44 (AAA50176), followed by Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD44 antibody	Mouse anti Horse CD11a/CD18 antibody, clone CVS9 recognizes equine CD44, a plasma membrane glycoprotein broadly expressed on the cell surface of leucocytes. CD44 is the primary receptor for hyaluronate and functions in cell adhesion. Equine CD44 is widely expressed and Mouse anti Horse CD11a/CD18 antibody, clone CVS9 may be used as a pan equine leucocyte marker.

NCBI AND UNIPROT INFORMATION

NCBI GI #	146198854
NCBI GeneID	100034221
NCBI Accession #	NP_001078904.1
NCBI GenBank Nucleotide #	NM_001085435.1
UniProt Accession #	Q05078
Molecular Weight	38,990 Da
NCBI Official Full Name	CD44 antigen
NCBI Official Symbol	CD44
NCBI Protein Information	CD44 antigen; CD44 antigen-like protein; ECMR-III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; PGP-1; PGP-I; extracellular matrix receptor III; hermes antigen; hyaluronate receptor; lymphocyte surface antigen precursor CD44; phagocytic glycoprotein 1; phagocytic glycoprotein I
UniProt Protein Name	CD44 antigen
UniProt Gene Name	**CD44**
UniProt Synonym Gene Names	ECMR-III; PGP-1; PGP-I
UniProt Entry Name	CD44_HORSE

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/cd44-antibody-clone-cvs18-flow-cytometry-immunohistochemistry-elisa/50176