

Mouse CD172a Monoclonal Antibody | anti-CD172a antibody

MOUSE ANTI BOVINE CD172a

CATALOG # AAA50106	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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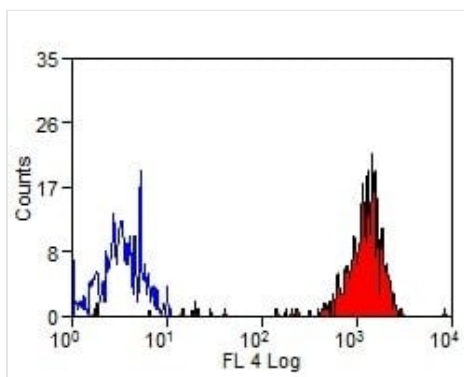
PRODUCT SYNONYMS

CD172a; Monoclonal Antibody; MOUSE ANTI BOVINE CD172a; anti-CD172a antibody

PRODUCT SPECIFICATIONS

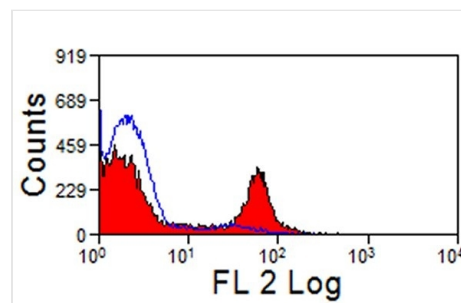
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	CC149
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	506
Applicable Applications for anti-CD172a antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Bovine
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. 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 bovine peripheral blood monocytes with Mouse anti Bovine CD172a:RPE-Cy5



Application Data

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD172a (AAA50106) followed by Goat anti Mouse IgG:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD172a antibody	Mouse anti Bovine CD172a antibody, clone CC149 recognizes bovine CD172a, also known as MyD-1 antigen and SIRPA. CD172a is a 55kDa single pass type 1 membrane protein belonging to the family of signal regulatory proteins (SIRP). CD172a has been identified as the receptor for CD47. Bovine CD172a is strongly expressed by splenic macrophages, monocytes and a subset of afferent lymph veiled cells (ALVC) and by dendritic cells in the skin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28461201
NCBI GeneID	327666
NCBI Accession #	NP_786982.1
NCBI GenBank Nucleotide #	NM_175788.1
UniProt Accession #	O46631; O46632
Molecular Weight	55,093 Da
NCBI Official Full Name	tyrosine-protein phosphatase non-receptor type substrate 1
NCBI Official Synonym Full Names	signal-regulatory protein alpha<
NCBI Official Symbol	SIRPA
NCBI Official Synonym Symbols	MYD-1; PTPNS1
NCBI Protein Information	tyrosine-protein phosphatase non-receptor type substrate 1; CD172 antigen-like family member A; MyD-1 antigen; SHP substrate 1; SHPS-1; inhibitory receptor SHPS-1; protein tyrosine phosphatase, non-receptor type substrate 1; signal-regulatory protein alpha-1; sirp-alpha-1
UniProt Protein Name	Tyrosine-protein phosphatase non-receptor type substrate 1
UniProt Gene Name	SIRPA
UniProt Synonym Gene Names	MYD1; PTPNS1; SHPS1; SIRP; SHP substrate 1; SHPS-1; Sirp-alpha-1
UniProt Entry Name	SHPS1_BOVIN

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/cd172a-antibody-clone-cc149-flow-cytometry-elisa/50106>