

Rat CD223 Monoclonal Antibody | anti-CD223 antibody

RAT ANTI MOUSE CD223

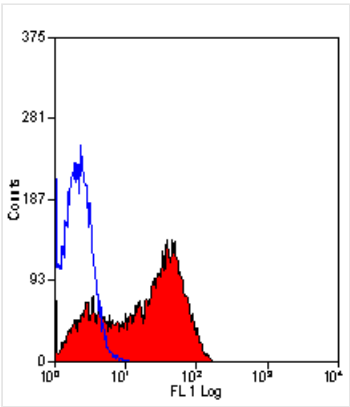
CATALOG # AAA49368	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

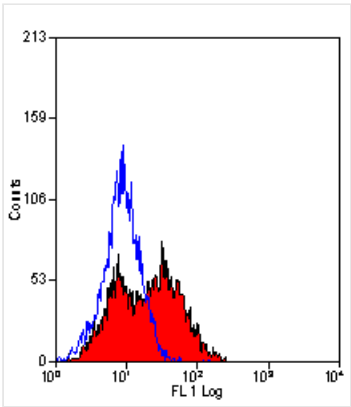
CD223; Monoclonal Antibody; RAT ANTI MOUSE CD223; anti-CD223 antibody

PRODUCT SPECIFICATIONS

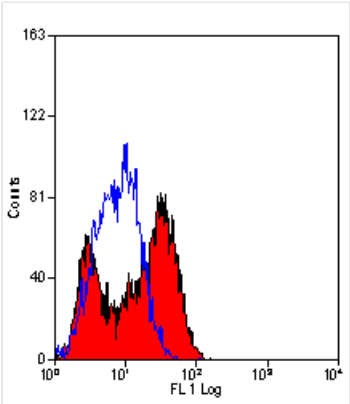
Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	C9B7W
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	521
Applicable Applications for anti-CD223 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Immunogen	Murine CD223 Ig fusion protein Fusion Partners
Target Species	Mouse
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.



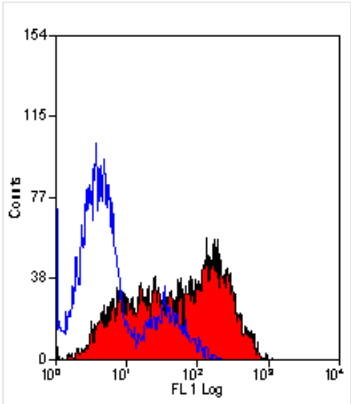
Application Data
Staining of CD223 transfected cells with Rat anti Mouse CD223:RPE



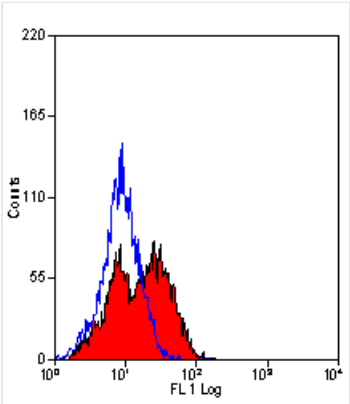
Application Data
Staining of CD223 transfected cells with Rat anti Mouse CD223



Application Data
Staining of CD223 transfected cells with Rat anti Mouse CD223:Alexa Fluor 488 (AAA49368A488)



Application Data
Staining of CD223 transfected cells with Rat anti Mouse CD223:Alexa Fluor 647 (AAA49368A647)



Application Data
Staining of CD223 transfected cells with Rat anti Mouse CD223

ADDITIONAL INFORMATION

Related Product Information for anti-CD223 antibody

Rat anti Mouse CD223 antibody, clone C9B7W recognizes murine lymphocyte activation gene-3 (LAG-3), a 70kD activation-induced cell surface molecule that is also referred to as CD223. Murine CD223 is expressed on activated CD4 positive and CD8 positive alpha/beta T lymphocytes and a subset of natural killer (NK) cells. CD223 binds to MHC class II molecules with high affinity and is reported to negatively regulate T cell homeostasis and T cell expansion. Clone C9B7W recognizes an epitope within the D2 domain of CD223. The antibody is reported to block the in vitro function of murine LAG-3 but studies suggest that the antibody does not block binding of LAG-3 to MHC class II (Workman et al. 2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678654
NCBI GeneID	16768
NCBI Accession #	NP_032505.1
NCBI GenBank Nucleotide #	NM_008479.2
UniProt Accession #	Q61790; Q0VBL2
Molecular Weight	56,978 Da
NCBI Official Full Name	lymphocyte activation gene 3 protein
NCBI Official Synonym Full Names	lymphocyte-activation gene 3
NCBI Official Symbol	Lag3
NCBI Official Synonym Symbols	Ly66; CD223; LAG-3
NCBI Protein Information	lymphocyte activation gene 3 protein
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Gene Name	Lag3
UniProt Synonym Gene Names	LAG-3
UniProt Entry Name	LAG3_MOUSE

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/cd223-antibody-clone-c9b7w-flow-cytometry-elisa/49368>