Rat anti-Mouse Lag3 Monoclonal Antibody | anti-Lag3 antibody

Anti-Lag3 [C9B7W], Rabbit IgG, Kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72062	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay, Immunoprecipitation**

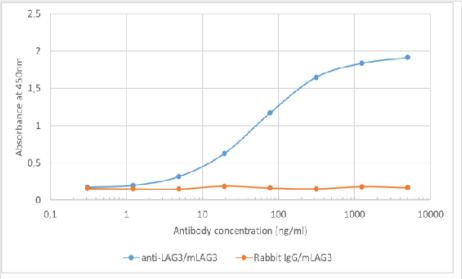
PRODUCT SYNONYMS

Lag3; Monoclonal Antibody; Anti-Lag3 [C9B7W]; Rabbit IgG; Kappa; CD223; LAG-3; Lymphocyte activation gene 3 protein; anti-Lag3 antibody

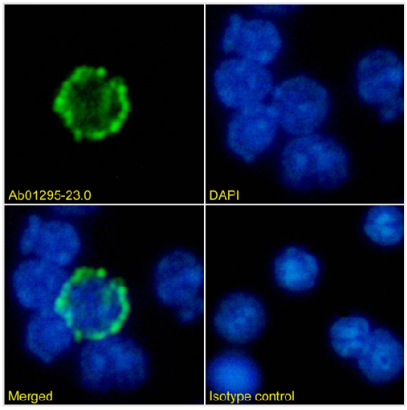
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG, Kappa
Clone Number	C9B7W
Specificity	The antibody is specific for an epitope in the D2 domain of murine LAG-3.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Lag3 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), Blocking
Antibody Type	Recombinant Antibody
Immunogen	This antibody was raised by immunising Lewis rats with a murine LAG-3:Ig fusion protein.
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



ELISA
Binding curve of anti-Lag3 antibody C9B7W to recombinant mouse Lag3 Fc-Fusion Protein. ELISA Plate coated with recombinant mouse Lag3 Fc-Fusion Proteinat a concentration of 2ug/ml. A 4-fold serial dilution from 5,000ng/ml was performed. For detection, a 1:4000 dilution of HRP-labelled anti-rabbit antibody was used.



IF (Immunofluorescence)
Immunofluorescence staining of mouse splenocytes using anti-Lag3 antibody C9B7W Immunofluorescence analysis of paraformaldehyde fixed mouse splenocytes immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of C9B7W at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining in subset of cells. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-Lag3 antibody	Describes the original generation of this antibody, and its characterisation. Recombinant monoclonal antibody to Lag3. Manufactured using our Recombinant Platform with variable regions (i.e. specificity) from the hybridoma C9B7W.
Product Categories/Family for anti-Lag3 antibody	MHC complex
References	Workman et al.; Eur J Immunol. 2002 Aug;32(8):2255-63

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/lag3-antibody-clone-c9b7w-flow-cytometry-immunoprecipitation-elisa/72062