Mouse anti-Human LAG3 Monoclonal Antibody | anti-LAG3 antibody

LAG3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278885	**Mouse**	**Human**	**Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA**

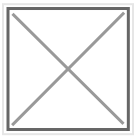
PRODUCT SYNONYMS

LAG3; Monoclonal Antibody; LAG3 Monoclonal Antibody; CD223 antibody; CD223 antigen antibody; FDC protein antibody; LAG-3 antibody; Lag3 antibody; LAG3_HUMAN antibody; Lymphocyte activating 3 antibody; Lymphocyte activation gene 3 antibody; Lymphocyte activation gene 3 protein antibody; Protein FDC antibody; anti-LAG3 antibody

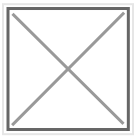
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8B12E10
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-LAG3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Lymphocyte activation gene 3 protein (29-450AA)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

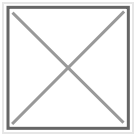
IMAGES



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing A549 cells stained with AAA278885 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 1h at 4 degree C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4 degree C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohiostchemistry)
IHC image of AAA278885 diluted at 1:500 and staining in paraffin-embedded human appendix tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at 37 degree C Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-Mouse IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)
Western BlotPositive WB detected in: 1 lane: Recombinant proteins with LAG3; 2 lane: 293F whole cell lysate transfected with LAG3All lanes: LAG3 antibody at 1:2000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 76, 88 KDaObserved band size: 76, 88 KDaExposure time?5min

ADDITIONAL INFORMATION

Product Categories/Family for anti-LAG3 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	251757512
NCBI GeneID	3902
UniProt Accession #	P18627; Q7Z643; A8K7T9
Molecular Weight	525
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	CD223
NCBI Protein Information	lymphocyte activation gene 3 protein
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Gene Name	**LAG3**
UniProt Synonym Gene Names	FDC; LAG-3
UniProt Entry Name	LAG3_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/lag3-antibody-clone-8b12e10-flow-cytometry-immunohistochemistry-western-blot-elisa/278885