Rabbit anti-Human Lymphocyte activation gene 3 Polyclonal Antibody | anti-LAG3 antibody

Rabbit anti-human Lymphocyte activation gene 3 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA230000	**Rabbit**	**Human**	**Immunofluorescence, Western Blot, ELISA**

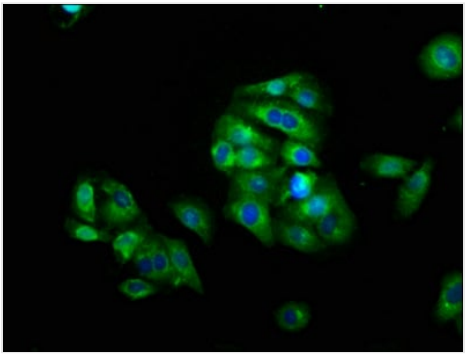
PRODUCT SYNONYMS

Lymphocyte activation gene 3; Polyclonal Antibody; Rabbit anti-human Lymphocyte activation gene 3 polyclonal Antibody; Protein FDC; CD223; FDC; LAG3; anti-LAG3 antibody

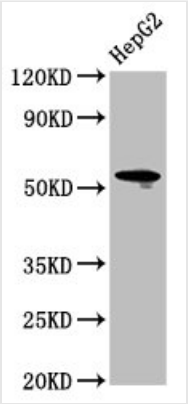
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	525
Applicable Applications for anti-LAG3 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant human Lymphocyte activation gene 3 protein (29-450aa)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26368 / sc-33319
Preparation and Storage	Upon receipt, aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
staining of HepG2 cells with AAA230000 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB (Western Blot)
Positive WB detected in: HepG2 whole cell lysateAll lanes: LAG3 antibody at 4.9ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 58, 40 kDaObserved band size: 58 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-LAG3 antibody	Involved in lymphocyte activation. Binds to HLA class-II antigens. Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	167614500
NCBI GeneID	3902
NCBI Accession #	NP_002277.4
NCBI GenBank Nucleotide #	NM_002286.5
UniProt Accession #	P18627; Q7Z643; A8K7T9
NCBI Official Full Name	lymphocyte activation gene 3 protein
NCBI Official Synonym Full Names	lymphocyte activating 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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/lymphocyte-activation-gene-3-antibody-immunofluorescence-western-blot-elisa/230000