LAG3 Antibody

PRODUCT OVERVIEW

Product Name	LAG3, Antibody
Full Product Name	Anti-LAG3 (tuparstobart biosimilar) mAb
Product Gene Name	anti-LAG3 antibody
Product Synonym Names	LAG-3; CD223; Incagn-02385; Incagn02385; Incagn 02385
Isotype	IgG1
Species Reactivity	Human
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Molecular Weight	525
OMIM	153337
3D Structure	ModBase 3D Structure for P18627
Product Categories/Family for anti-LAG3 antibody	Biosimilar reference antibodies
Applications Tested/Suitable for anti-LAG3 antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-LAG3 antibody	MBS1881825 is an antibody targeting LAG3. Also known as Anti-LAG3 (tuparstobart biosimilar) mAb. Reactive in Human.
Other Notes	Small volumes of anti-LAG3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAG3. It may not necessarily be applicable to this product.

NCBI GI #	251757512
NCBI GeneID	3902
NCBI Accession #	P18627.5
UniProt Primary Accession #	P18627
UniProt Secondary Accession #	Q7Z643; A8K7T9
UniProt Related Accession #	P18627
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
UniProt Protein Name	Lymphocyte activation gene 3 protein
UniProt Synonym Protein Names	Protein FDC; CD_antigen: CD223
Protein Family	Lymphocyte activation gene 3 protein
UniProt Gene Name	LAG3
UniProt Synonym Gene Names	FDC; LAG-3
UniProt Entry Name	LAG3_HUMAN
NCBI Protein Information	lymphocyte activation gene 3 protein
NCBI Summary for LAG3	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. [provided by RefSeq, Jul 2008]
UniProt Comments for LAG3	LAG3: Involved in lymphocyte activation. Binds to HLA class-II antigens. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 12p13.32 Cellular Component: integral to membrane; external side of plasma membrane Molecular Function: transmembrane receptor activity; antigen binding; MHC class II protein binding Biological Process: cell surface receptor linked signal transduction; negative regulation of interleukin-2 biosynthetic process; positive regulation of natural killer cell mediated cytotoxicity; negative regulation of T cell activation
Research Articles on LAG3	**1.** LAG-3 trafficking from lysosomal compartments to the cell surface is dependent on the cytoplasmic domain through protein kinase C signaling in activated T cells.
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