CD37 Antibody

PRODUCT OVERVIEW

Product Name	CD37, Antibody
Full Product Name	Biotinylated Anti-CD37 (naratuximab biosimilar) mAb
Product Gene Name	anti-CD37 antibody
Product Synonym Names	CD37; TSPAN26; Tspan-26; IMGN-529; IMGN529; K7153A-SMCC-DM1
Isotype	IgG1
Host	Chimeric
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	22,563 Da
OMIM	151523
3D Structure	ModBase 3D Structure for P11049
Conjugation	Biotinylated
Product Categories/Family for anti-CD37 antibody	Biosimilar reference antibodies
Applications Tested/Suitable for anti-CD37 antibody	Flow Cytometry (FC/FACS)
Application Notes for anti-CD37 antibody	FC/FACS: 1:100
Related Product Information for anti-CD37 antibody	MBS1880485 is an antibody targeting CD37. Also known as Biotinylated Anti-CD37 (naratuximab biosimilar) mAb. Reactive in Human. Host: Chimeric.
Other Notes	Small volumes of anti-CD37 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 CD37. It may not necessarily be applicable to this product.

NCBI GI #	91807110
NCBI GeneID	951
NCBI Accession #	NP_001035120.1
UniProt Primary Accession #	P11049
UniProt Secondary Accession #	Q3KPF9; B4DVC1
UniProt Related Accession #	P11049

GenBank Nucleotide #	NM_001040031.1
NCBI Official Full Name	leukocyte antigen CD37 isoform B
NCBI Official Synonym Full Names	CD37 molecule
NCBI Official Symbol	CD37
NCBI Official Synonym Symbols	GP52-40; TSPAN26
UniProt Protein Name	Leukocyte antigen CD37
UniProt Synonym Protein Names	Tetraspanin-26; Tspan-26; CD_antigen: CD37
Protein Family	Leukocyte antigen
UniProt Gene Name	CD37
UniProt Synonym Gene Names	TSPAN26; Tspan-26
UniProt Entry Name	CD37_HUMAN
NCBI Protein Information	leukocyte antigen CD37
UniProt Comments for CD37	CD37: is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008] Protein type: Membrane protein, integral; Membrane protein, multi-pass Chromosomal Location of Human Ortholog: 19q13.3 Cellular Component: immunological synapse; integral to plasma membrane; membrane Molecular Function: protein binding Biological Process: cell surface receptor linked signal transduction
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Online datasheet: https://www.mybiosource.com/human-antibody/cd37/1880485