TIM3 Antibody

PRODUCT OVERVIEW

Product Name	TIM3, Antibody
Full Product Name	PE-conjugated Anti-TIM3 (surzebiclimab biosimilar) mAb
Product Gene Name	anti-TIM3 antibody
Product Synonym Names	TIM3; CD366; KIM-3; SPTCL; TIMD3; Tim-3; TIMD-3; HAVcr-2; BGB-A425; BGB A425
Isotype	IgG1
Species Reactivity	Human
Form/Format	Liquid, PBS with 0.05% Proclin300, 707% BSA
Preparation and Storage	Store at 2 degree C-8 degree C fo 6 months
Molecular Weight	301
OMIM	606652
3D Structure	ModBase 3D Structure for Q8TDQ0
Conjugation	PE-conjugated
Product Categories/Family for anti-TIM3 antibody	Biosimilar reference antibodies
Applications Tested/Suitable for anti-TIM3 antibody	Flow Cytometry (FC/FACS)
Application Notes for anti-TIM3 antibody	FC/FACS: 1:100
Related Product Information for anti-TIM3 antibody	MBS1881740 is an antibody targeting TIM3. Also known as PE-conjugated Anti-TIM3 (surzebiclimab biosimilar) mAb. Reactive in Human.
Other Notes	Small volumes of anti-TIM3 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 TIM3. It may not necessarily be applicable to this product.

NCBI GI #	311033536
NCBI GeneID	84868
NCBI Accession #	Q8TDQ0.3
UniProt Primary Accession #	Q8TDQ0
UniProt Secondary Accession #	Q8WW60; Q96K94; B2RAY2
UniProt Related Accession #	Q8TDQ0
NCBI Official Full Name	Hepatitis A virus cellular receptor 2
NCBI Official Synonym Full Names	hepatitis A virus cellular receptor 2

NCBI Official Symbol	HAVCR2
NCBI Official Synonym Symbols	TIM3; KIM-3; TIMD3; Tim-3; TIMD-3; HAVcr-2
UniProt Protein Name	Hepatitis A virus cellular receptor 2
UniProt Synonym Protein Names	T-cell immunoglobulin and mucin domain-containing protein 3; TIMD-3; T-cell immunoglobulin mucin receptor 3; TIM-3; T-cell membrane protein 3
UniProt Gene Name	HAVCR2
UniProt Synonym Gene Names	TIM3; TIMD3; HAVcr-2; TIMD-3; TIM-3
UniProt Entry Name	HAVR2_HUMAN
NCBI Protein Information	hepatitis A virus cellular receptor 2; kidney injury molecule-3; T-cell membrane protein 3; T cell immunoglobulin mucin 3; T cell immunoglobulin mucin-3; T-cell immunoglobulin mucin receptor 3; T-cell immunoglobulin mucin family member 3; T-cell immunoglo
NCBI Summary for TIM3	The protein encoded by this gene belongs to the immunoglobulin superfamily, and TIM family of proteins. CD4-positive T helper lymphocytes can be divided into types 1 (Th1) and 2 (Th2) on the basis of their cytokine secretion patterns. Th1 cells are involved in cell-mediated immunity to intracellular pathogens and delayed-type hypersensitivity reactions, whereas, Th2 cells are involved in the control of extracellular helminthic infections and the promotion of atopic and allergic diseases. This protein is a Th1-specific cell surface protein that regulates macrophage activation, and inhibits Th1-mediated auto- and alloimmune responses, and promotes immunological tolerance. [provided by RefSeq, Sep 2011]
UniProt Comments for TIM3	TIM-3: Regulates macrophage activation. Inhibits T-helper type 1 lymphocyte (Th1)-mediated auto- and alloimmune responses and promotes immunological tolerance. May be also involved in T-cell homing. Receptor for LGALS9. Belongs to the immunoglobulin superfamily. TIM family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Receptor, misc.; Membrane protein, integral Chromosomal Location of Human Ortholog: 5q33.3 Cellular Component: integral to membrane Disease: Rheumatoid Arthritis
Research Articles on TIM3	**1.** TIM-3 polymorphism is associated with increased susceptibility to Ankylosing spondylitis possibly by downregulating gene expression.
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