GITRL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GITRL, Polyclonal Antibody
Full Product Name	GITRL (Glucocorticoid Induced TNF-Related Ligand, AITRL, Activation-Inducible TNF-Related Ligand, TNFSF18) (MaxLight 650)
Product Gene Name	anti-GITRL antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human GITRL.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	22,724 Da
OMIM	603898
3D Structure	ModBase 3D Structure for Q9UNG2
Immunogen	Recombinant protein corresponding to human GITRL expressed in E. coli.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-GITRL antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-GITRL antibody	FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-GITRL antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-GITRL antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.
Other Notes	Small volumes of anti-GITRL 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.
Searchable Terms for GITRL purchase	MBS6477804 is an antibody targeting GITRL. Also known as GITRL (Glucocorticoid Induced TNF-Related Ligand, AITRL, Activation-Inducible TNF-Related Ligand, TNFSF18) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	157419142
NCBI GeneID	8995
NCBI Accession #	NP_005083.2
UniProt Primary Accession #	Q9UNG2
UniProt Secondary Accession #	O95852; Q6ISV1; A9IQG8
UniProt Related Accession #	Q9UNG2
GenBank Nucleotide #	NM_005092.3
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 18
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 18
NCBI Official Symbol	TNFSF18
NCBI Official Synonym Symbols	TL6; AITRL; GITRL; hGITRL
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 18
UniProt Synonym Protein Names	Activation-inducible TNF-related ligand; AITRL; Glucocorticoid-induced TNF-related ligand; hGITRL
UniProt Gene Name	TNFSF18
UniProt Synonym Gene Names	AITRL; GITRL; TL6; AITRL; hGITRL
UniProt Entry Name	TNF18_HUMAN
NCBI Protein Information	tumor necrosis factor ligand superfamily member 18; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand
NCBI Summary for GITRL	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. [provided by RefSeq, Jul 2008]
UniProt Comments for GITRL	TNFSF18: Cytokine that binds to TNFRSF18/AITR/GITR. Regulates T- cell responses. Can function as costimulator and lower the threshold for T-cell activation and T-cell proliferation. Important for interactions between activated T-lymphocytes and endothelial cells. Mediates activation of NF-kappa-B. Belongs to the tumor necrosis factor family. Protein type: Membrane protein, integral; Apoptosis; Cytokine Chromosomal Location of Human Ortholog: 1q23 Cellular Component: extracellular space; cell surface; plasma membrane; integral to membrane Molecular Function: cytokine activity; tumor necrosis factor receptor superfamily binding; tumor necrosis factor receptor binding; receptor binding Biological Process: tumor necrosis factor-mediated signaling pathway; cell-cell signaling; T cell proliferation during immune response; regulation of T cell proliferation; signal transduction; negative regulation of apoptosis; activation of NF-kappaB transcription factor
Research Articles on GITRL	**1.** Our findings indicate the possible involvement of GITR-GITRL pathway in the pathogenesis of pSS.
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