TNFAIP8L2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNFAIP8L2, Polyclonal Antibody
Full Product Name	TNFAIP8L2, NT (TNFAIP8L2, Tumor necrosis factor alpha-induced protein 8-like protein 2, Inflammation factor protein 20) (MaxLight 550)
Product Gene Name	anti-TNFAIP8L2 antibody
Product Synonym Names	TNFAIP8L2; Tumor necrosis factor alpha-induced protein 8-like protein 2; Inflammation factor protein 20
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	20,556 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (151129105..151132225). Location: 1q21.3
OMIM	612112
3D Structure	ModBase 3D Structure for Q6P589
Immunogen	TNFAIP8L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 36-66 amino acids from the N-terminal region of human TNFAIP8L2.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-TNFAIP8L2 antibody	Antibodies; Growth Factors; Cytokines
Applications Tested/Suitable for anti-TNFAIP8L2 antibody	Western Blot (WB), FLISA
Application Notes for anti-TNFAIP8L2 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TNFAIP8L2 antibody	Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis. Negative regulator of Toll-like receptor and T-cell receptor function. Prevents hyperresponsiveness of the immune system and maintains immune homeostasis. Inhibits JUN/AP1 and NF-kappa-B activation. Promotes Fas-induced apoptosis (By similarity).
Product References and Citations for anti-TNFAIP8L2 antibody	Zhang, G., et al. Mol. Immunol. 47(15):2435-2442(2010).

Other Notes	Small volumes of anti-TNFAIP8L2 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 TNFAIP8L2 purchase	MBS6356863 is an antibody targeting TNFAIP8L2. Also known as TNFAIP8L2, NT (TNFAIP8L2, Tumor necrosis factor alpha-induced protein 8-like protein 2, Inflammation factor protein 20) (MaxLight 550). Reactive in Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TNFAIP8L2. It may not necessarily be applicable to this product.

NCBI GI #	157389001
NCBI GeneID	79626
NCBI Accession #	NP_078851.2
UniProt Primary Accession #	Q6P589
UniProt Secondary Accession #	Q6I9Y0; Q9H2H7; Q9H5G2
UniProt Related Accession #	Q6P589
GenBank Nucleotide #	NM_024575.4
NCBI Official Full Name	tumor necrosis factor alpha-induced protein 8-like protein 2
NCBI Official Synonym Full Names	tumor necrosis factor, alpha-induced protein 8-like 2
NCBI Official Symbol	TNFAIP8L2
NCBI Official Synonym Symbols	TIPE2
UniProt Protein Name	Tumor necrosis factor alpha-induced protein 8-like protein 2
UniProt Synonym Protein Names	Inflammation factor protein 20
Protein Family	Tumor necrosis factor alpha-induced protein 8-like protein
UniProt Gene Name	TNFAIP8L2
UniProt Synonym Gene Names	TIPE2; TNF alpha-induced protein 8-like protein 2
UniProt Entry Name	TP8L2_HUMAN
NCBI Protein Information	tumor necrosis factor alpha-induced protein 8-like protein 2; TNFAIP8-like protein 2; inflammation factor 20; inflammation factor protein 20; TNF alpha-induced protein 8-like protein 2; tumor necrosis factor, alpha-induced protein 8-like protein 2
UniProt Comments for TNFAIP8L2	TNFAIP8L2: Acts as a negative regulator of innate and adaptive immunity by maintaining immune homeostasis. Negative regulator of Toll-like receptor and T-cell receptor function. Prevents hyperresponsiveness of the immune system and maintains immune homeostasis. Inhibits JUN/AP1 and NF-kappa-B activation. Promotes Fas-induced apoptosis. Belongs to the TNFAIP8 family. TNFAIP8L2 subfamily. Chromosomal Location of Human Ortholog: 1q21.3 Cellular Component: cytoplasm Molecular Function: protein binding Biological Process: negative regulation of inflammatory response; innate immune response; negative regulation of T cell activation
Research Articles on TNFAIP8L2	**1.** TIPE2 is an inhibitor of both inflammation and cancer, and a potential drug target for inflammatory and neoplastic diseases.

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