Mouse CD257 Monoclonal Antibody | anti-CD257 antibody

MOUSE ANTI HUMAN CD257

CATALOG #	HOST	APPLICATIONS
AAA49396	**Mouse**	**ELISA**

PRODUCT SYNONYMS

CD257; Monoclonal Antibody; MOUSE ANTI HUMAN CD257; BAFF; BLyS; anti-CD257 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2B
Specificity	This item specifically recognises CD257 (otherwise known as BAFF/BLyS), a 285 amino acid type II transmembrane protein and member of the tumor necrosis factor (TNF) superfamily of ligands, which acts as a B and T cell stimulator and plays a role in the development of autoimmune diseases such as systemic lupus erythematosus. CD257 is expressed by monocytes, macrophages, T cells and dendritic cells and acts through binding to CD267 (TACI), CD269 (BCMA) and CD268 (BAFFR) receptors, the latter interaction playing a critical role in the activation, survival, differentiation and proliferation of B cells.This antibody has not been cross-adsorbed and may react with homologous proteins from related species.
Form/Format	Purified Purified IgG - lyophilized
Concentration	IgG concentration 1.0mg/ml after reconstitution. (varies by lot)
Sequence Length	266
Applicable Applications for anti-CD257 antibody	ELISA
Reconstitution	Reconstitute with 0.5ml distilled water .
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant.
Buffer Solution	Phosphate Buffered Saline
Preservative Stabilizers	None present
Immunogen	Recombinant 17 kDa polypeptide corresponding to the TNF-like portion of the extracellular domain of human CD257, expressed in E. coli.
Target Species	Human
Carrier Free	Yes
Preparation and Storage	Prior to reconstitution store at -20°C. After reconstitution store at -20°C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

ADDITIONAL INFORMATION

Related Product Information for anti-CD257 antibody	MBS212959 specifically recognises CD257 (otherwise known as BAFF/BLyS), a 285 amino acid type II transmembrane protein and member of the tumor necrosis factor (TNF) superfamily of ligands, which acts as a B and T cell stimulator and plays a role in the development of autoimmune diseases such as systemic lupus erythematosus. CD257 is expressed by monocytes, macrophages, T cells and dendritic cells and acts through binding to CD267 (TACI), CD269 (BCMA) and CD268 (BAFFR) receptors, the latter interaction playing a critical role in the activation, survival, differentiation and proliferation of B cells. This antibody has not been cross-adsorbed and may react with homologous proteins from related species.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224548983
NCBI GeneID	10673
NCBI Accession #	NP_001139117.1
NCBI GenBank Nucleotide #	NM_001145645.2
UniProt Accession #	Q9Y275; Q6FHD6; Q7Z5J2; E0ADT7
NCBI Official Full Name	tumor necrosis factor ligand superfamily member 13B isoform 2
NCBI Official Synonym Full Names	tumor necrosis factor (ligand) superfamily, member 13b
NCBI Official Symbol	TNFSF13B
NCBI Official Synonym Symbols	DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNFSF20
NCBI Protein Information	tumor necrosis factor ligand superfamily member 13B; ApoL related ligand TALL-1; B-cell-activating factor; B-lymphocyte stimulator; Delta4 BAFF; TNF and ApoL-related leukocyte expressed ligand 1; TNF homolog that activates apoptosis; delta BAFF; dendritic cell-derived TNF-like molecule; tumor necrosis factor (ligand) superfamily, member 20; tumor necrosis factor-like protein ZTNF4
UniProt Protein Name	Tumor necrosis factor ligand superfamily member 13B
UniProt Gene Name	**TNFSF13B**
UniProt Synonym Gene Names	BAFF; BLYS; TALL1; TNFSF20; ZTNF4; BLyS; TALL-1
UniProt Entry Name	TN13B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/cd257-antibody-clone-2b-elisa/49396