

Product datasheet for **AM05635PU-L**

BAFF (TNFSF13B) Mouse Monoclonal Antibody [Clone ID: 2B]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2B
Applications:	ELISA
Recommended Dilution:	ELISA: 5 - 6µg/ml.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant full-length mature human CD257 expressed in <i>E. coli</i> .
Specificity:	This antibody specifically recognises CD257 (otherwise known as BAFF/BLyS). This antibody has not been cross-adsorbed and may react with homologous proteins from related species.
Formulation:	Phosphate buffered saline pH7.2 State: Purified State: Lyophilised purified IgG
Reconstitution Method:	Reconstitute with 0.5ml distilled water
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tumor necrosis factor superfamily member 13b
Database Link:	Entrez Gene 10673 Human Q9Y275



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Background:

CD257 is 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.

Synonyms:

TNFSF13B, BLYS, TALL1, TNFSF20, ZTNF4