

Product datasheet for **TA386179**

BAFF (TNFSF13B) Rabbit Monoclonal Antibody [Clone ID: Tabalumab]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Tabalumab
Applications:	ELISA, FC, FN, IF, IP, Neutralize, WB
Reactivity:	Human, Monkey, Rabbit
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Monoclonal antibodies were generated by immunizing human immunoglobulin transgenic mice with soluble human BAFF (amino acids 133–285). Eight mice producing serum antibody titers to human BAFF were injected intravenously with 10 µg human BAFF in phosphate buffered saline. The spleen was harvested 3 days later from each mouse and fused with myeloma cells. 20 Hybridomas were tested for specific binding to human BAFF and to make sure they were expressing human immunoglobulin heavy and light chains by enzyme-linked immunosorbent assay (ELISA). The hybridoma producing the antibody that eventually became tabalumab was a human IgG1 isotype. The antibody was then engineered to a human IgG4 isotype for complete neutralization of BAFF without depletion of BAFF-expressing cells.
Specificity:	Tabalumab neutralises soluble and membrane-bound BAFF, inhibiting BAFF binding to BR3, TACI and BCMA. Tabalumab has been tested in patients with systemic lupus erythematosus (Merrill 2015) and in patients with active rheumatoid arthritis with an inadequate response to TNF inhibitors (Genovese 2013).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.



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Gene Name: tumor necrosis factor superfamily member 13b

Database Link: [Entrez Gene 10673 Human Q9Y275](#)

Synonyms: BAFF; BLYS; CD257; DTL; TALL-1; TALL1; THANK; TNFSF20; ZTNF4

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG4 format, for improved compatibility with existing reagents, assays and techniques.