



Anti-Human BAFF

20150223ML



FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	102-P101G
Size:	100 µg
Lot. No.:	According to product label

Preparation: Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hBAFF. Anti-hBAFF specific antibody was purified by affinity chromatography employing immobilized hBAFF matrix.

Target Background

Synonyms (Target):	TNFSF13B; DTL; BAFF; BLYS; CD257; TALL1; THANK; ZTNF4; TALL-1; TNFSF20
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BAFF, also known as Blymphocyte stimulator (BLyS), TNF and APO-Lrelated leukocyte expressed ligand 1 (TALL1), and TNF homolog that activates apoptosis, NFκB and JNK (THANK), is a TNF ligand superfamily member and has been designated TNFSF13B.

Database References Target

Protein RefSeq:	NP_006564.1
Uniprot ID:	Q9Y274
mRNA RefSeq:	NM_006573.4

Product Specifications

Species reactivity	Human
Clone/Ab feature	Goat IgG
Cross reactivity	Human
Host	Goat
Clonality	Polyclonal Antibody
Purification	Antigen-affinity purified
Immunogen	recombinant human BAFF
Formulation	lyophilized from PBS
Reconstitution buffer	water

Reconstitution: Reconstitute the antibody in sterile water to a concentration of 0.1 - 1.0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C.



AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

Neutralisation: Data not available

Western Blot: To detect hBAFF by Western Blot analysis this antibody can be used at a concentration of 0.1- 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBAFF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich ELISA: To detect hBAFF by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBAFF.

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!