

BAFF Recombinant Rabbit Monoclonal Antibody (9H23L24)

Catalog Number1701244

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	Dilution *
Class	Recombinant Monoclonal		
Type	Antibody	Western Blot (WB)	2.5-5 µg/mL
Clone	9H23L24	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Immunogen	Recombinant protein corresponding to amino acids 134-285 of human BAFF		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.5 mg/mL		
Purification	Protein A		
Storage buffer	PBS		
Contains	0.09% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody is predicted to react with non-human primate, equine and rabbit based on sequence homology. Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain. Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Background/Target Information

BAFF is a membrane bound cytokine expressed by B cell lineage cells. The soluble form of the cytokine binds to the receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. BAFF is a potent B cell activator, and important for the proliferation and differentiation of B cells. BAFF is also expressed by T lymphocytes and has been shown to promote T cell activation and survival. Isoforms representing alternatively spliced, and glycosylated variants have been identified.

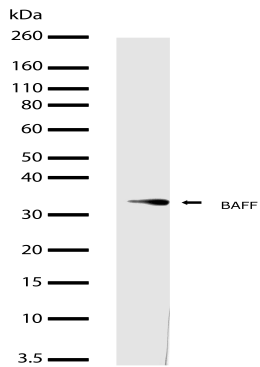
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Product Images For BAFF Recombinant Rabbit Monoclonal Antibody (9H23L24)



BAFF Antibody (701244) in WB

Western blot analysis of BAFF in Jurkat whole cell extracts using a BAFF recombinant rabbit monoclonal antibody (Product # 701244) at a dilution of 2 µg/mL. Samples were detected using chemiluminescence (ECL). Results show a band at ~31kDa.

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