

For Research Use Only

TBX21, T-bet Recombinant antibody, PBS Only

Catalog Number: 83804-6-PBS



Basic Information

Catalog Number: 83804-6-PBS	GenBank Accession Number: BC039739	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 30009	CloneNo.: 240849C1
Source: Rabbit	ENSEMBL Gene ID: ENSG00000073861	
Isotype: IgG	UNIPROT ID: Q9UL17	
Immunogen Catalog Number: AG4618	Full Name: T-box 21	
	Calculated MW: 535 aa, 58 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

TBX21 is a transcription factor that drives the Th1 immune response primarily through promoting expression of the IFN- γ gene. TBX21 initiates TH1 lineage development from naive TH precursor cells both by activating TH1 genetic programs and by repressing the opposing TH2 programs. It has also been shown to play an influential role in inflammatory processes such as inflammatory bowel disease, autoimmune diseases such as rheumatoid arthritis, and immune-mediated conditions like asthma.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

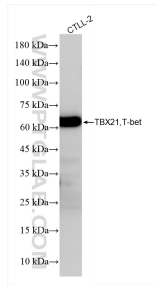
T: 4006900926

E: Proteintech-CN@ptglab.com

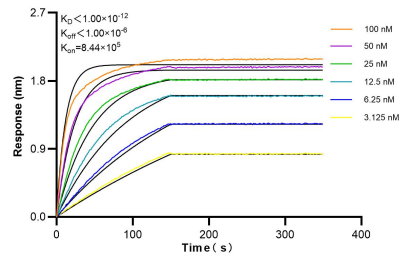
W: ptgcn.com

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Selected Validation Data



CTLL-2 cells were subjected to SDS PAGE followed by western blot with 83804-6-RR (TBX21,T-bet antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83804-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83804-6-RR against Human TBX21,T-bet were performed. The affinity constant is below 1 pM.