

For Research Use Only

TBX21/T-bet Recombinant monoclonal antibody

Catalog Number: 83804-10-RR



Basic Information

Catalog Number: 83804-10-RR	GenBank Accession Number: BC039739	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 30009	CloneNo.: 240849B11
Source: Rabbit	ENSEMBL Gene ID: ENSG00000073861	Recommended Dilutions: IHC: 1:500-1:2000
Isotype: IgG	UNIPROT ID: Q9UL17	
Immunogen Catalog Number: AG4618	Full Name: T-box 21	
	Calculated MW: 535 aa, 58 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human tonsillitis tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

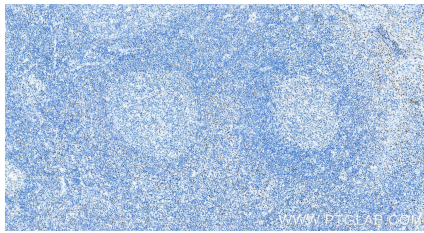
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

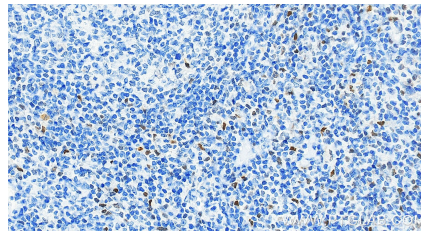
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83804-10-RR (TBX21, T-bet antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 83804-10-RR (TBX21, T-bet antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).