

For Research Use Only

TCF1/TCF7 Recombinant antibody, PBS Only

Catalog Number: 84089-4-PBS



Basic Information

Catalog Number: 84089-4-PBS	GenBank Accession Number: BC048769	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6932	CloneNo.: 241154D2
Source: Rabbit	ENSEMBL Gene ID: ENSG00000081059	
Isotype: IgG	UNIPROT ID: P36402	
Immunogen Catalog Number: AG5792	Full Name: transcription factor 7 (T-cell specific, HMG-box)	
	Calculated MW: 42 kDa	
	Observed MW: 58 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse

Background Information

TCF7, also known as TCF1, belongs to the TCF/LEF family. TCF7 is part of the Wnt signaling pathway and plays an important role in the differentiation and self-renewal of memory T cells. It has been found that TCF7 is necessary to revive T cells in response to PD-1 blockade against viral infection or cancer. TCF7 is mainly expressed in T-cells and is also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium. TCF7 has 16 isoforms with the molecular mass of 28-54 kDa (PMID: 34044317).

Storage

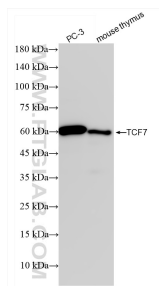
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



Various lysates were subjected to SDS PAGE followed by western blot with 84089-4-RR (TCF7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84089-4-PBS in a different storage buffer formulation.