

For Research Use Only

TPI1 Recombinant monoclonal antibody, PBS Only

Catalog Number: 88045-1-PBS



Basic Information

Catalog Number: 88045-1-PBS	GenBank Accession Number: BC007086	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7167	CloneNo.: 260189G12
Source: Rabbit	UNIPROT ID: P60174	
Isotype: IgG	Full Name: triosephosphate isomerase 1	
Immunogen Catalog Number: AG1175	Calculated MW: 27 kDa	
	Observed MW: 27 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

TPI1(Triosephosphate isomerase) is also named as TIM, TPI and belongs to the triosephosphate isomerase family. It is a key enzyme in cell metabolism that controls the glycolytic flow and energy production through the interconversion of dihydroxyacetone phosphate (DHAP) and D-glyceraldehyde 3-phosphate (G3P)(PMID:19251756). Defects in TPI1 are the cause of triosephosphate isomerase deficiency (TPI deficiency). It can exist as a homodimer(PMID:18562316).

Storage

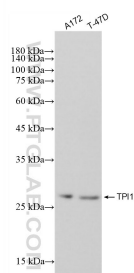
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

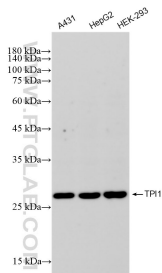
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88045-1-RR (TPI1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88045-1-PBS in a different storage buffer formulation.



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