

For Research Use Only

ALPI Recombinant monoclonal antibody, PBS Only

Catalog Number: 86505-1-PBS



Basic Information

Catalog Number: 86505-1-PBS	GenBank Accession Number: NM_001631.5	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 248	CloneNo.: 251267F3
Isotype: IgG	UNIPROT ID: P09923	
Immunogen Catalog Number: EG3033	Full Name: alkaline phosphatase, intestinal	
	Calculated MW: 57 kDa	
	Observed MW: 70-75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

Intestinal-type alkaline phosphatase (IAP) is one of the four human alkaline-phosphatase isoenzymes. It is synthesized by enterocytes of the small-intestinal brush border and is released into the gut lumen, blood and stool. Intestinal-type alkaline phosphatase is a constitutive, evolutionarily conserved sentinel that chemically disarms microbial toxins, orchestrates innate immunity and preserves gut homeostasis.

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, pH7.3

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

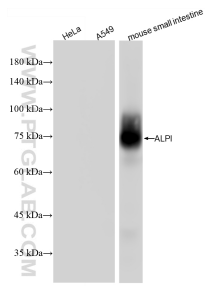
T: 4006900926

E: Proteintech-CN@ptglab.com

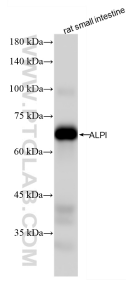
W: ptgcn.com

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Selected Validation Data



mouse small intestine tissue were subjected to SDS PAGE followed by western blot with 86505-1-RR (ALPI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86505-1-PBS in a different storage buffer formulation.



rat small intestine tissue were subjected to SDS PAGE followed by western blot with 86505-1-RR (ALPI antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86505-1-PBS in a different storage buffer formulation.