

For Research Use Only

# ALPI Recombinant monoclonal antibody

Catalog Number: 86505-1-RR



## Basic Information

<b>Catalog Number:</b> 86505-1-RR	<b>GenBank Accession Number:</b> NM_001631.5	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 248	<b>CloneNo.:</b> 251267F3
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P09923	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Immunogen Catalog Number:</b> EG3033	<b>Full Name:</b> alkaline phosphatase, intestinal	
	<b>Calculated MW:</b> 57 kDa	
	<b>Observed MW:</b> 70-75 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse small intestine tissue, rat small intestine tissue
<b>Species Specificity:</b> 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 -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

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

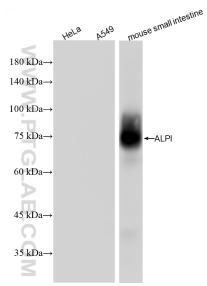
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

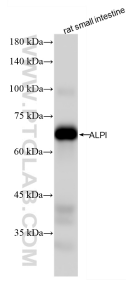
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.



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.