

For Research Use Only

ALPI Recombinant monoclonal antibody, PBS Only

Catalog Number: 86505-1-PBS



Basic Information

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| Catalog Number: 86505-1-PBS | GenBank Accession Number: NM_001631.5 | Purification Method: Protein A purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 248 | CloneNo.: 251267F3 |
| Source: Rabbit | UNIPROT ID: P09923 | |
| Isotype: IgG | Full Name: alkaline phosphatase, intestinal | |
| Immunogen Catalog Number: EG3033 | 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.
Storage Buffer:
PBS only, pH7.3

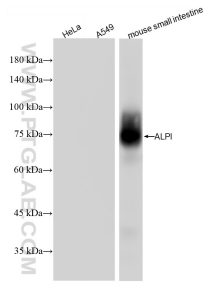
For technical support and original validation data for this product please contact:

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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.