

For Research Use Only

PLAP Recombinant monoclonal antibody

Catalog Number: 86752-3-RR



Basic Information

Catalog Number: 86752-3-RR	GenBank Accession Number: NM_001632.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 250	CloneNo.: 251261A10
Source: Rabbit	UNIPROT ID: P05187	Recommended Dilutions: WB: 1:5000-1:50000
Isotype: IgG	Full Name: alkaline phosphatase, placental (Regan isozyme)	
Immunogen Catalog Number: EG3065	Calculated MW: 58 kDa	
	Observed MW: 66 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human placenta tissue, rat liver tissue
Species Specificity: human, rat	

Background Information

Placental alkaline phosphatase (PLAP) is a glycosyl phosphatidylinositol (GPI)-anchored sialoglycoprotein, which shows greater resistance to heat inactivation than other alkaline phosphatase. Presented at high levels in placental trophoblasts, PLAP is recognized as an important marker of differentiation in human malignancies.

Storage

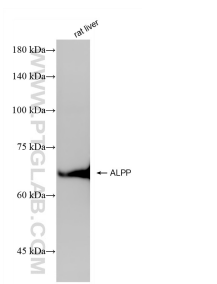
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

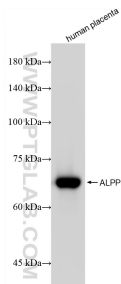
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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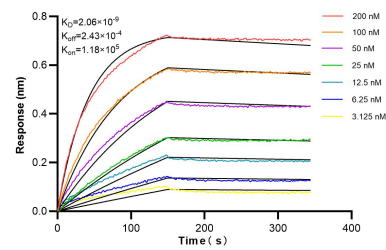
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86752-3-RR (ALPP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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Biolayer interferometry (BLI) kinetic assays of 86752-3-RR against Human PLAP were performed. The affinity constant is 2.06 nM.