

For Research Use Only

# PLAP Recombinant monoclonal antibody, PBS Only

Catalog Number: 86752-3-PBS



## Basic Information

Catalog Number:

86752-3-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3065

GenBank Accession Number:

NM\_001632.4

GeneID (NCBI):

250

UNIPROT ID:

P05187

Full Name:

alkaline phosphatase, placental (Regan isozyme)

Calculated MW:

58 kDa

Observed MW:

66 kDa

Purification Method:

Protein A purification

CloneNo.:

251261A10

## Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

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

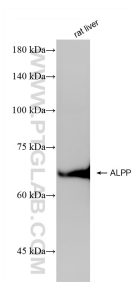
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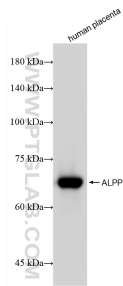
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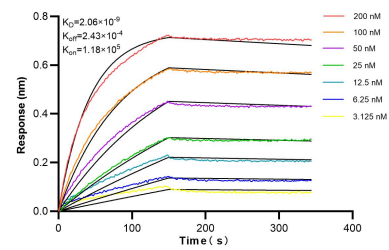
## Selected Validation Data



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. This data was developed using the same antibody clone with 86752-3-PBS in a different storage buffer formulation.



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