

ALPL Monoclonal antibody, PBS Only

Catalog Number: 68719-1-PBS

Basic Information

Catalog Number:

68719-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG33678

GenBank Accession Number:

BC021289

GeneID (NCBI):

249

UNIPROT ID:

P05186

Full Name:

alkaline phosphatase,
liver/bone/kidney

Calculated MW:

57 kDa

Observed MW:

80 kDa

Purification Method:

Protein A purification

CloneNo.:

2E3C1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

Human, pig, rabbit

Background Information

There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. ALPL (Alkaline phosphatase, tissue-nonspecific isozyme) is also named as AP-TNAP, TNSALP and belongs to the alkaline phosphatase family. It can exist as a homodimer with the molecular weight of 140 kDa (PMID:18724009). ALPL was synthesized as a 66-kDa endo-b-N-acetylglucosaminidase H (Endo H)-sensitive form, and processed to an 80-kDa mature form, which is anchored to the plasma membrane via glycosylphosphatidylinositol (GPI) (PMID:10839996).

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

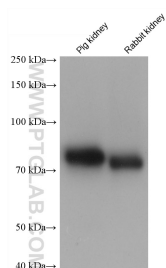
For technical support and original validation data for this product please contact:

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E: Proteintech-CN@ptglab.comW: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68719-1-Ig (ALPL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68719-1-PBS in a different storage buffer formulation.