

Product Datasheet

Alkaline Phosphatase, Tissue Non-Specific Antibody (EPR4477) NBP1-95392

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-95392

Alkaline Phosphatase, Tissue Non-Specific Antibody (EPR4477)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	EPR4477
Preservative	0.01% Sodium Azide
Purity	Tissue culture supernatant
Buffer	49% PBS, 0.05% BSA and 50% Glycerol

Product Description	
Host	Rabbit
Gene ID	249
Gene Symbol	ALPL
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to residues in human ALPL was used as an immunogen.
Notes	Produced using Abcam's RabMab® technology. RabMab® technology is covered by the following U.S. Patents, No. 5,675,063 and/or 7,429,487.

Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000-1:50000, Simple Western, Flow Cytometry 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation 1:10-1:100, Immunohistochemistry-Paraffin 1:250-1:500
Application Notes	In Western blot, detects a band at ~80 kDa.

Publications

Verrier JD, Kochanek PM, Jackson EK. Schwann Cells Metabolize Extracellular 2',3'-cAMP to 2'-AMP. *J. Pharmacol. Exp. Ther.* 2015-05-21 [PMID: 25998049] (WB, ICC/IF, Rat)

Jackson EK, Cheng D, Verrier JD et al. Interactive Roles of CD73 and Tissue Non-Specific Alkaline Phosphatase in the Renal Vascular Metabolism of 5'-AMP. *Am. J. Physiol. Renal Physiol.* 2014-07-02 [PMID: 24990899] (WB, Mouse)

Details:

Alkaline Phosphatase, Tissue Non-Specific / TNAP antibody used for WB on lysates of kidneys from CD73^{-/-} mice on C57BL/6 x J129 background and wild-type litter mates CD73^{+/+} mice (Fig 4B).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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