

Product Datasheet

Alkaline Phosphatase, Intestinal Antibody NB600-588

Unit Size: 0.2 ml

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

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NB600-588

Alkaline Phosphatase, Intestinal Antibody

Product Information

Unit Size	0.2 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	Serum
Purity	Delipidation and Defibrillation
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

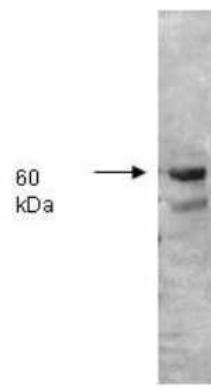
Description	This product was prepared from monospecific antiserum by a delipidation and defibrillation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Alkaline Phosphatase [Human Intestine] Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	248
Gene Symbol	ALPI
Species	Human
Reactivity Notes	Cross reactivity against Alkaline Phosphatase from other tissues and species may occur but have not been specifically determined.
Specificity/Sensitivity	Cross reactivity against Alkaline Phosphatase from other tissues and species may occur but have not been specifically determined.
Immunogen	Alkaline Phosphatase, Intestinal, Intestinal [Human Intestine] (Uniprot: P09923)

Product Application Details

Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:20000
Application Notes	This product has been tested by western blot and is suitable to be assayed against 1.0 ug of Alkaline Phosphatase [Human Intestine] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:5,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

Images

Western Blot: Alkaline Phosphatase, Intestinal Antibody [NB600-588] - Both the antiserum and IgG fractions of anti-Alkaline Phosphatase (Human Intestine) are shown to detect under reducing conditions of SDS-PAGE the 60,000 dalton enzyme in cellular extracts. Approximately 10 ug of total protein is loaded per lane. A 1:5,000 dilution of the primary antibody is used followed by detection using HRP Goat-a-Rabbit IgG [H&L] diluted 1:4,000 and color development using 4-CN substrate until sufficient color develops.



Publications

Wilson AJ, Byun DS, Popova N et al. Histone deacetylase 3 (HDAC3) and other class I HDACs regulate colon cell maturation and p21 expression and are deregulated in human colon cancer. *J Biol Chem*. 2006-05-12 [PMID: 16533812]

Papetti M, Augenlicht LH. MYBL2, downregulated during colon epithelial cell maturation, is suppressed by miR-365. *Am J Physiol Gastrointest Liver Physiol*. 2011-07-07 [PMID: 21737779]



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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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