

Anti-ALKALINE PHOSPHATASE (Calf Intestine) (RABBIT) Antibody - 100-4135

Code: 100-4135

Size: 2 mL

Product Description: Anti-ALKALINE PHOSPHATASE (Calf Intestine) (RABBIT) Antibody - 100-4135

Concentration: 85 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Rabbit
Gene Name	ALP1
Species Reactivity	bovine
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	2.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
Storage Condition	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	rabbit anti-Alkaline Phosphatase Antibody, Alkaline phosphomonoesterase antibody, ALPI antibody, Glycerophosphatase antibody, IAP antibody, Intestinal alkaline phosphatase antibody, Kasahara isozyme antibody
Application Note	Anti-Alkaline Phosphatase has been assayed against 1.0 ug of Alkaline Phosphatase [Calf intestine] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.
Background	In most mammals there are four different isozymes: placental, placental-like, intestinal and tissue non-specific (liver/bone/kidney). Alkaline Phosphatase catalytic activity is phosphate monoester + H ₂ O = an alcohol + phosphate.
Purity And Specificity	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, purified and partially purified Alkaline Phosphatase [Calf intestine]. Cross reactivity against Alkaline Phosphatase from other tissues and species may occur but have not been specifically determined. No reaction was observed against the bacterial form of the enzyme.
ELISA	1:4,000 - 1:20,000
Western Blot	1:500 - 1:2,000
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Alkaline Phosphatase [Calf intestine]
Related Products	
111-1102	Anti-RABBIT IgG (H&L) (GOAT) Antibody - 111-1102
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B501-0500	BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500
KCB003	HRP Western Blot Anti-Rabbit IgG Antibody - KCB003

Related Links

UniProtKB - P19111

<http://www.uniprot.org/uniprot/P19111>

NCBI - P19111.2 <http://www.ncbi.nlm.nih.gov/protein/P19111.2>

GeneID - 280993

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