



Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - 100-1135

Code: 100-1135

Size: 2 mL

Product Description: Anti-ALKALINE PHOSPHATASE (Calf Intestine) (GOAT) Antibody - 100-1135

Concentration: 25.0 mg/mL by Refractometry

PhysicalState: Lyophilized

Label	Unconjugated
Host	Goat
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	goat anti-Alkaline Phosphatase Antibody, Alkaline phosphomonoesterase antibody, ALPI antibody, Glycerophosphatase antibody, IAP antibody, Intestinal alkaline phosphatase antibody, Kasahara isozyme antibody, goat anti-Alkaline Phosphatase calf intestine 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-goat 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.
Assay Dilutions	User Optimized
ELISA	1:4,000 - 1:20,000
Western Blot	1:500 - 1:2,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Alkaline Phosphatase [Calf intestine]

Related Products

105-3102	Anti-GOAT IgG (H&L) (MOUSE) Antibody - 105-3102
105-4102	Anti-GOAT IgG (H&L) (RABBIT) Antibody - 105-4102
B304	NORMAL GOAT SERUM (NGS) - B304
B501-0500	BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

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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