

Anti-HUMAN IgM (mu chain) (GOAT) Antibody Alkaline Phosphatase Conjugated - 609-1507

Code: 609-1507

Size: 1 mg

Product Description: Anti-HUMAN IgM (mu chain) (GOAT) Antibody Alkaline Phosphatase Conjugated - 609-1507

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Alkaline Phosphatase (Calf Intestine)
Host	Goat
Species Reactivity	Human
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Synonyms	goat anti-Human IgM mu heavy chain Antibody, Gt-a-Human IgM mu heavy chain, Human IgM mu heavy chain Antibody in Goat, Human IgM mu heavy chain Secondary Antibody
Application Note	Anti-Human IgM (mu heavy chain) is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody based enzymatic assays requiring lot-to-lot consistency.
Background	Anti-Human IgM (mu heavy chain) Alkaline Phosphatase generated in goat detects specifically Human IgM mu heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together. Anti-Human IgM mu chain antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.
Purity And Specificity	Anti-Human IgM mu heavy chain antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Goat Serum, Human IgM and Human Serum. No reaction was observed against other human heavy or light chain proteins.
Assay Dilutions	User Optimized
ELISA	1:2,000 - 1:10,000
Western Blot	1:500 - 1:2,500
Immunohistochemistry	1:200 - 1:1,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Human IgM whole molecule

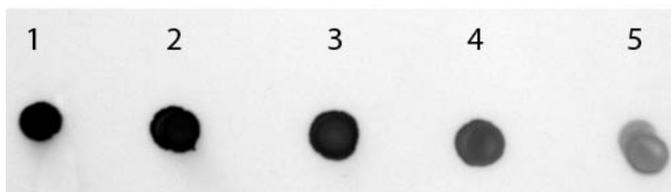
Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
B501-0500	BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

Images

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Dot Blot of Goat anti-Human IgM (mu chain) Antibody Alkaline Phosphatase Conjugated. Antigen: Human IgM. Load: Lane 1 - 200 ng Lane 2 - 66.67 ng Lane 3 - 22.22 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: none. Secondary antibody: Goat anti-Human IgM (mu chain) Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: MB-070 for 1 HR at RT. Visualized using NBT-100 Alkaline Phosphatase Substrate for 30 seconds at RT.



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