



Anti-HUMAN IgG IgA IgM (H&L) (GOAT) Antibody - 609-101-130

Code: 609-101-130

Size: 2 mg

Product Description: Anti-HUMAN IgG IgA IgM (H&L) (GOAT) Antibody - 609-101-130

Concentration: 2.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Goat
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Synonyms	Goat anti Human IgG IgA IgM Antibody, Goat Anti-Human IgG IgA IgM Antibody, Goat Anti-Human IgGAM
Application Note	Anti-Human IgG IgA IgM antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
Background	Anti-Human IgG IgA IgM (H&L) Antibody generated in goat detects human (heavy and light chain) immunoglobulin G, A, and M. Immunoglobulin G binds to antigens and can neutralize or opsonize targets, and are predominantly involved in the secondary immune response. Immunoglobulin A (IgA) is an antibody that plays a critical role in mucosal immunity. IgA has two subclasses (IgA1 and IgA2) and can exist in a dimeric form called secretory IgA (sIgA). Immunoglobulin M, or IgM, is a pentamer composed of 5 immunoglobulin molecules linked through their F(c) domain by the J chain. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
Purity And Specificity	This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens 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-Goat Serum, Human IgG, Human IgA and Human IgM. This reagent is suitable for the detection of all Human immunoglobulin subclasses and chain combinations.
Assay Dilutions	User Optimized
ELISA	1:28,800 - 1:48,800
Western Blot	1:2,000 - 1:10,000
Immunohistochemistry	1:1,000 - 1:5,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Human IgG, IgA and IgM whole molecules

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
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

Disclaimer

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