

Datasheet for ABIN1044034

Goat anti-Human IgM (Fc5mu Region) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed



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Overview

Quantity:	500 µg
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Human IgM Fc5mu fragment
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Goat Serum, Human IgM and Human Serum.
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgM
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Target Details

Abstract: [IgM Products](#)

Target Type: Antibody

Background: Synonyms: Goat F(ab')₂ Anti-Human IgM Fc5 μ Antibody Alkaline Phosphatase Conjugation, Goat Fab2 Anti-Human IgM Fc5 μ alk phos Conjugated Antibody

Background: F(ab')₂ Anti-Human IgM Fc5 μ Alkaline Phosphatase Antibody generated in goat detects specifically the Fc5 μ portion of the human IgM 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. F(ab')₂ Anti-Human IgM Fc5 μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:200 - 1:1,000

Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. F(ab')₂ Anti-Human IgM Fc5 μ antibody has been assayed against 1.0 μ g of Human IgM in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.

ELISA Dilution: 1:7,500 - 1:30,000

Western Blot Dilution: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

Buffer: 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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice:

Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

Do not add Sodium azide.

Dilute only prior to immediate use

Each reagent is stable for the period shown on the bottle label if stored as directed.

Storage:

4 °C

Storage Comment:

Store vial at 4 °C prior to restoration. This product is stable for several weeks at 4 °C as an undiluted liquid.

Expiry Date:

12 months