

Datasheet for ABIN237630

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



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Overview

Quantity:	1 mL
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Western Blotting (WB)

Product Details

Cross-Reactivity (Details):	Based on immunoelectrophoresis, the antibody reacts with the Fc5u portion of the human IgM heavy chain. No antibody was detected against normal human IgG or IgA, or against non-immunoglobulin serum proteins, but the antibody may cross-react with IgM from other species.
Characteristics:	Goat anti Human IgM (Fcu), Goat antibody to Human Immunoglobulin M (IgM), Fc5u specific Alkaline Phosphatase conjugated
Purification:	Isolated from antisera by Immuno Affinity Chromatography using antigens coupled to agarose beads.

Target Details

Target:	IgM
Abstract:	IgM Products

Target Details

Target Type: Antibody

Application Details

Application Notes: A dilution range of 1:5.000 to 1:50.000 is suggested for ELISA and Western blotting. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Comment: Concentration (detection method): 0.6 mg/mL (prior to lyophilization)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute to 1 mL with distilled water.

Buffer: Lyophilized from 0.01 M Tris-HCl, 0.21 M Sodium chloride, pH 8.0 containing 15 mg/mL BSA, 0.05 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1-1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Handling Advice: **Do not freeze!** Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
Do not add Sodium azide.
Each reagent is stable for the period shown on the bottle label if stored as directed.
Prepare working dilution only prior to immediate use. Please note that the concentration of protein and buffer salts will decrease to one-half of the original after the addition of glycerol.
Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature.
To judge clarity, draw product into a pasteur pipette.

Storage: 4 °C

Storage Comment: Store lyophilized product at 2-8 °C. After reconstitution, product is stable for several weeks at 2-8 °C as an undiluted liquid. For extended storage after reconstitution, we suggest the addition of an equal volume of glycerol (ACS or better grade) to make a final glycerol concentration of 50 % followed by storage at -28 °C with or without aliquoting.

Handling

Expiry Date: 12 months