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11-402: Peroxidase conjugated Goat Anti-Human IgM, Fc5μ fragment specific

Clonality : Polyclonal
Conjugate : HRP
Isotype : Goat IgG

Description

Whole IgG antibodies are isolated as intact molecules from antisera by immunoaffinity chromatography. They have an Fc portion and two antigen binding Fab portions joined together by disulfide bonds and therefore they are divalent. The average molecular weight is reported to be about 160 kDa. The whole IgG form of antibodies is suitable for the majority of immunodetection procedures and is the most cost effective.

Based on immunoelectrophoresis and/or ELISA, the antibody reacts with the Fc5μ portion of the human IgM heavy chain but not with human IgG, IgA, or the light chains of human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with bovine serum proteins, but it may cross-react with IgM from other species.

Product Info

Amount :	1 ml
Purification :	Afinity Chromatography
Content :	Buffer: 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6 Stabilizer: 15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
Storage condition :	Store freeze-dried solid at 2-8°C. Rehydrate with the indicated volume of dH2O and centrifuge if not clear. Prepare working dilution on day of use. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid.

Application Note

1:500 - 1:5,000 for immunohisto/cytochemistry,1:5,000 - 1:100,000 for ELISA and Western blotting with chromogenic substrates 1:10,000 - 1:200,000 for Western blotting with ECL substrates. Dilution factors are presented in the form of a range because the optimal dilution is a function of many factors, such as antigen density, permeability, etc. The actual dilution used must be determined empirically.