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Product Datasheet

Rabbit anti-Goat IgG (H&L), F(ab)'2 fragment, HRP conjugated, min. cross-reactivity to human, mouse,Rat IgG

GRP12311

Species/Host	Rabbit
Form/Appearance	Lyophilized
Storage	Store lyophilized material at 2-8°C.For long time storage after reconstitution, dilute the antibody solution with glycerol to a final concentration of 50% glycerol and store as liquid at -20°C, to prevent loss of enzymatic activity. For example, if you have reconstituted 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 ml of glycerol. Such solution will not freeze in -20°C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified IgG, F(ab)'2 fragment
Dilution Range	The optimal working dilution should be determined by the investigator.
Application Notes	Additional Information: This antibody reacts with the heavy chains on goat IgG and with the light chains on all goat immunoglobulins based on immunoelectrophoresis.Minimum cross-reactivity is observed to non-immunoglobulin goat serum proteins or IgG from human, mouse or rat based on immunoelectrophoresis.Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free and 0.1 % (v/v) Kathon CG is used as preservative. Use of sodium azide will inhibit enzymatic activity of horseradish peroxidase.BSA and milk have to be replaced by other blocking reagents, like doneky serum or commercial formulations which are free from bovine IgG. Background: Rabbit anti-goat IgG (H&L) is a HRP conjugated F(ab)'2 fragment of a secondary antibody which reactis with all goat IgGs in immunological assays. Antibody is adsorbed against human,mouse and rat IgG. Its purity is > 90% based on SDS-PAGE. Antibody solution may contain small amounts of intact IgG. Reconstitution: For reconstitution add 0.55 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily.