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Product Datasheet

Goat anti-Rat IgG (H&L), HRP conjugated, min. cross-reactivity to human, mouse IgG (highly absorbed against mouse IgG)

GRP12245

Species/Host	Goat
Reactivity	Rat
Predicted Reactivity	Rat IgG Heavy and Light chains (H&L) of all Rat immunoglobulins
Tested Applications	ELISA, WB, IHC
Immunogen	Purified Rat IgG, whole molecule
Form/Appearance	Lyophilized
Storage	Store non-diluted antibody at 2-8°C. For storage at -20°C dilute antibody solution with an equal volume of glycerol to obtain final glycerol concentration of 50 % to prevent loss of enzymatic activity. 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	Purified goat IgG
Dilution Range	1 : 10 000 -1 : 50 000 (ELISA), 1 : 500 -1 : 5000 (IHC), 1 : 10 000 -1 : 50 000 (WB)
Application Notes	Additional Information: No reactivity is observed to non-immunoglobulin rat serum. Antibody has been absorbed against mouse IgG and no reactivity is observed to human or mouse IgG based on immunoelectrophoresis. HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free0.1 % (v/v) of Kathon CG is used as preservative. Background: Goat anti-rat IgG is a secondary antibody conjugated to HRP which binds to all rabbit IgGs in immunological assays. Reconstitution: For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilutions daily.