

Product Datasheet

Goat anti-Mouse IgG (H&L), HRP conjugated, min. cross-reactivity to bovine, goat, human, rabbit, rat IgG GRP12746

Species/Host	Goat
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 1 mg of antibody in 1.1 ml of sterile water add 1.1 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
Dilution Range	The optimal working dilution should be determined by the investigator. Suggested starting dilution: 1 : 20-1 : 2000 depending upon the application (immunolocalization or western blot).
Application Notes	Additional Information: This antibody reacts with the heavy chains on mouse IgG and with the light chains on all mouse immunoglobulins based on immunoelectrophoresis. Minimum cross-reactivity is observed to non-immunoglobulin human serum proteins as well as bovine, goat, human, rabbit or rat IgG. 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. Background: Goat anti-mouse IgG (H&L) is a secondary antibody HRP conjugated which binds to all mouse IgGs in immunological assays. It is specially adsorbed against bovine, goat, human, rabbit, rat IgG. Reconstitution: For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily.