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Product Datasheet

Goat anti-Mouse IgG (heavy chain), TRITC conjugated
GRP12753

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 goat IgG
Dilution Range	The optimal working dilution should be determined by the investigator.
Application Notes	Additional Information: This antibody reacts with the heavy chains on mouse IgG based on immunoelectrophoresis.Minimum cross-reactivity is observed with the light chains based on immunoelectrophoresis. Minimum cross-reactivity is observed to non-immunoglobulin mouse serum proteins.Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 1% (w/v) BSA, protease/IgG free and 0.05 % (w/v) sodium azide as preservative. Background: Goat anti-mouse IgG Y is a Rhodamine (TRITC) conjugated secondary antibody which binds to mouse IgG (heavy chain). Tetramethylrhodamine-5-isothiocyanate (TRITC) has Amax = 550 nm, Emax = 570 nm. Antibodies are affinity purified using solid phase mouse 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.