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## Product Datasheet

**Goat anti-Rat IgG (H&L) antibody (TRITC)  
(orb700145)**

**Description**

Goat polyclonal antibody against Goat

**Species/Host**

Goat

**Conjugation**

TRITC

**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

**Application notes**

This antibody reacts with the heavy chains on rat IgG and with the light chains on all rat immunoglobulins based on immunoelectrophoresis. Please include 5 % goat serum in secondary antibody diluent buffer. Minimum cross-reactivity is observed to non-immunoglobulin rat serum proteins based on immunoelectrophoresis. 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.

**Clonality**

Polyclonal

**Purity**

Immunogen affinity purified IgG.

**Dilution Range**

The optimal working dilution should be determined by the investigator, Usually 1 : 100-1 : 500,

**Expiration Date**

12 months from date of receipt.