

## Product Datasheet

### Goat anti-Rat IgG (H&L), ALP conjugated, min. reactivity to Human and mouse IgG, highly adsorbed against mouse IgG GRP12612

Species/Host	Goat
Reactivity	Rat
Predicted Reactivity	Heavy chains on Rat IgG and with the Light chains on all Rat immunoglobulins based on IEP.
Tested Applications	ELISA, ICC, WB, IHC
Immunogen	Purified Rat IgG, whole molecule
Form/Appearance	Liquid
Storage	Non-diluted antibody is stable for 4 years 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 : 500-1 : 2000 (ELISA), 1 : 50-1 : 5000 (ICC), 1 : 20 -1 : 2000 (IHC), 1 : 500-1 : 2000 (WB)
Application Notes	Additional Information: This antibody is highly cross absorbed against mouse IgG. No reactivity is observed to non-immunoglobulin rat serum proteins based on immunoelectrophoresis. No reactivity is observed to human or mouse IgG based on immunoelectrophoresis. APL conjugate is supplied in 30 mM Triethanolamine, pH 7.2, 5 mM Magnesium Chloride, 0.1 mM Zinc Chloride, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) of sodium azide is added as preservative Background: Goat anti-rat IgG is a secondary antibody conjugated to ALP (Alkaline phosphatase) which binds to all donkey immunoglobulins in immunological assays.