

## Product Datasheet

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

|                             |   |
|-----------------------------|---|
| <b>Species/Host</b>         | Goat  |
| <b>Reactivity</b>           | Rat   |
| <b>Predicted Reactivity</b> | Heavy chains on Rat IgG and with the Light chains on all Rat immunoglobulins based on IEP.  |
| <b>Tested Applications</b>  | ELISA, ICC, WB, IHC   |
| <b>Immunogen</b>            | Purified Rat IgG, whole molecule  |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Storage</b>              | 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.  |
| <b>Note</b>                 | For research use only.  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Purity</b>               | Purified goat IgG   |
| <b>Dilution Range</b>       | 1 : 500-1 : 2000 (ELISA), 1 : 50-1 : 5000 (ICC), 1 : 20 -1 : 2000 (IHC), 1 : 500-1 : 2000 (WB)  |
| <b>Application Notes</b>    | 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. |