

## Product Datasheet

### Goat anti-Human IgG (H&L), HRP conjugated GRP12644

<b>Species/Host</b>	Goat
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Human IgG (H&L)
<b>Tested Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Purified human IgG
<b>Form/Appearance</b>	Lyophilized
<b>Storage</b>	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.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Affinity purified goat IgG
<b>Dilution Range</b>	The optimal working dilution should be determined by the investigator.
<b>Application Notes</b>	<p>Additional Information: This antibody reacts with the heavy chains on human IgG and with the light chains on all human immunoglobulins based on immunoelectrophoresis. No reactivity is observed to the light chains or non-immunoglobulin human serum proteins based on immunoelectrophoresis. HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free 0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase. Background: Goat anti-human IgG (H&amp;L) is a secondary antibody conjugated to HRP which binds to human IgG (H&amp;L) in immunological assays. 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.</p>