

## Product Datasheet

# Goat anti-Human IgE heavy (epsilon chain), HRP conjugated GRP12635

<b>Species/Host</b>	Goat
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Human IgE Heavy (epsilon chain)
<b>Tested Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	purified human IgE
<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>	Additional Information: No reactivity is observed to the light chains or non-immunoglobulin human serum proteins. 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. The amount of cross-reactivity to human IgG/M/A has been tested, and it is very low. During manufacturing of this product, cross-reactivity to other IgG is removed. Please see the percentage of measured cross-reactivity to other human immunoglobulins below: Human IgG: 0.12 % Human IgA: 0.09 % Human IgM: 0.17 % Background: Goat anti-human IgE heavy (epsilon chain) is a secondary antibody conjugated to HRP which binds to human IgE heavy (epsilon chain) 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.