

## Product Datasheet

### Goat anti-Human IgM ( $\mu$ chain), F(ab)'2 fragment, HRP conjugated, min. cross-reactivity to human IgG or IgA GRP12742

<b>Species/Host</b>	Goat
<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 0.5 mg of antibody in 0.55 ml of sterile water add 0.55 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, F(ab)'2 fragment
<b>Dilution Range</b>	1 : 500-1 : 5000 (IHC), 1 : 10 000-1 : 50 000 (WB)
<b>Application Notes</b>	<p>Additional Information: This antibody reacts with the heavy chains on human IgM based on immunoelectrophoresis. Minimum cross-reactivity is observed with IgG or IgA immunoglobulins based on immunoelectrophoresis. Minimum cross-reactivity is observed to non-immunoglobulin human serum proteins based on immunoelectrophoresis. Antibody is supplied in 10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free and 0.1 % (v/v) Kathon CG is used as preservative. Use of sodium azide will inhibit enzymatic activity of horseradish peroxidase. Background: Goat anti-human IgM, <math>\mu</math> chain, F(ab)'2 fragment is a HRP conjugated secondary antibody which is reacting with human IgM, <math>\mu</math> chain, F(ab)'2. Min. cross-reactivity to human IgG or IgA. Antibody purity is &gt; 90% based on SDS-PAGE. Antibody solution may contain small amounts of intact IgG. Reconstitution: For reconstitution add 0.55 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Prepare fresh working dilutions daily.</p>