

Product no **AS10 1187****Goat anti-Rat IgG (H&L), HRP conjugated****Product information**

<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified rat IgG.
<b>Format</b>	Lyophilized
<b>Quantity</b>	1 mg
<b>Reconstitution</b>	For reconstitution add 1.1 ml of sterile water. Let it stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilutions daily.
<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. Store liquid material at 2-8°C up to 6 months.
<b>Additional information</b>	Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.0)  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 as preservative.

**Application information**

<b>Recommended dilution</b>	The optimal working dilution should be determined by the investigator
<b>Confirmed reactivity</b>	Heavy chains on rat IgG and with the light chains on all rat immunoglobulins
<b>Not reactive in</b>	Non-immunoglobulin rat serum proteins
<b>Selected references</b>	<a href="#">Saintenac</a> et al. (2021) A wheat cysteine-rich receptor-like kinase confers broad-spectrum resistance against Septoria tritici blotch. Nat Commun. 2021 Jan 19;12(1):433. doi: 10.1038/s41467-020-20685-0. PMID: 33469010; PMCID: PMC7815785.