

**Product no** AS10 663**Goat anti-Rat IgG (H&L), ALP conjugated, min, reactivity to Human and mouse IgG, highly adsorbed against mouse IgG****Product information**

<b>Immunogen</b>	Purified Rat IgG, whole molecule
<b>Host</b>	Goat
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified goat IgG.
<b>Format</b>	Liquid
<b>Quantity</b>	1 mg
<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>Additional information</b>	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

**Application information**

<b>Recommended dilution</b>	1 : 500-1 :2000 (ELISA), 1 : 50-1 : 5000 (ICC), 1 : 20 -1 : 2000 (IHC), 1 : 500-1 :2000 (WB)
<b>Confirmed reactivity</b>	Heavy chains on Rat IgG and with the light chains on all Rat immunoglobulins based on IEP
<b>Predicted reactivity</b>	Heavy chains on Rat IgG and with the Light chains on all Rat immunoglobulins based on IEP
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	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,
<b>Selected references</b>	Li et al. (2022), The effects of Ni availability on H <sub>2</sub> production and N <sub>2</sub> fixation in a model unicellular diazotroph: The expression of hydrogenase and nitrogenase. <i>Limnol Oceanogr</i> , 67: 1566-1576. <a href="https://doi.org/10.1002/lno.12151">https://doi.org/10.1002/lno.12151</a>