

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**

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| Immunogen | Purified Rat IgG, whole molecule |
| Host | Goat |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified goat IgG. |
| Format | Liquid |
| Quantity | 1 mg |
| Storage | 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. |
| Additional information | 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

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