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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

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

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 immunoelecrophoresis,
Selected references	Li et al. (2022), The effects of Ni availability on H2 production and N2 fixation in a model unicellular diazotroph: The expression of hydrogenase and nitrogenase. Limnol Oceanogr, 67: 1566-1576. https://doi.org/10.1002/lno.12151