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Product no AS10 668

Goat anti-Rabbit IgG (H&L) HRP conjugated, min,cross-reactivity to bovine/Human/mouse IgG/serum

Product information

Immunogen	purified Rabbit IgG, whole molecule
Host	Goat
Clonality	Polyclonal
Purity	Immunogen affinity purified goat IgG.
Format	Lyophilized
Quantity	1 mg
Reconstitution	For reconstitution add 1,1 ml of sterile water, Let it stand 30 minutes at room temperature to dissolve, Prepare fresh working dilutions daily
Storage	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.
Additional information	HRP-conjugate is supplied in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 % (w/v) BSA, Protease/IgG free 0.1 % (v/v) of Kathon CG is used as preservative. Use of sodium azide will inhibit enzyme activity of horseradish peroxidase. Concentration: 1.0 mg/ml (E 1% at 280 nm = 13.0)

Application information

Recommended dilution	1 : 500 -1 : 5000 (ELISA), 1 : 500 -1 : 5000 (IHC), 1 : 500 -1 : 5000 (WB)
Confirmed reactivity	heavy chains of Rabbit IgG, Light chains on all Rabbit immunoglobulins
Predicted reactivity	Rabbit IgG Heavy and Light chains (H&L) of all Rabbit immunoglobulins
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Based on immunoelectrophoresis no reactivity is observed to: non-immunoglobulin rabbit serum proteins serum from bovine, human or mouse IgG from human or mouse
Selected references	Ghosh et al. 2023).ApoE Isoforms Inhibit Amyloid Aggregation of Proinflammatory Protein S100A9.MDPI, Volume 25,Issue 410.3390/ijms25042114 Lacour et al. (2019). Decoupling light harvesting, electron transport and carbon fixation during prolonged darkness supports rapid recovery upon re-illumination in the Arctic diatom Chaetoceros neogracilis. Polar Biol (2019). https://doi.org/10.1007/s00300-019-02507-2.