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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS11 1815

Goat anti-Rabbit IgG (H&L), DyLight® 594 conjugated

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. Product is stable for 4 weeks at 2-8°C after rehydration. 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	Conjugate is present in 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) sodium azide is added as preservative. DyLight® 594 (Ex = 593 nm; Em = 618 nm)

Application information

Recommended dilution	1 : 50- 1 : 5 000 (ICC), 1 : 20- 1 : 2000 (IHC), 1 : 3000 (IF)
Confirmed reactivity	Rabbit IgG heavy and light chains (H&L)
Predicted reactivity	Rabbit IgG Heavy and Light chains (H&L)
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Based in immunoelectrophoresis, this antibody reacts with heavy chains on rabbit IgG and light chains on all rabbit immunoglobulins. No reactivity is observed to non-immunoglobulin rabbit serum proteins based in immunoelectrophoresis. Purity of this antibody is 95% based on SDS-PAGE.
Selected references	Chong et al. (2015). Active fungal GH115 -glucuronidase produced in Arabidopsis thaliana affects only the UX1-reactive glucuronate decorations on native glucuronoxylans. BMC Biotechnol. 2015 Jun 18;15:56. doi: 10.1186/s12896-015-0154-8.