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Datasheet for ABIN1110431

Goat anti-Llama IgG (Heavy & Light Chain) Antibody (DyLight 550)

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Llama
Host:	Goat
Clonality:	Polyclonal
Conjugate:	DyLight 550
Application:	Immunoassay (IA)

Product Details

Immunogen:	Purified llama IgG, whole molecule
Specificity:	Based on immunoelectrophoresis, this antibody reacts with: heavy (γ) chains on llama IgG and light chains on all llama immunoglobulins.
Characteristics:	Goat anti-llama IgG (H&L) - DyLight® 550 Conjugate is a secondary antibody conjugated to DyLight® 550, which binds to all llama IgG in immunological assays. DyLight® 550 has $A_{max} = 562$ nm, $E_{max} = 576$ nm. Antibodies are affinity purified using solid phase llama IgG (H&L).
Purification:	Affinity purification

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type: Antibody

Application Details

Application Notes: 1:20 - 1:2,000 for most applications

Comment: Based on immunoelectrophoresis, this antibody reacts with: heavy (gamma) chains on llama IgG light chains on all llama immunoglobulins. This antibody will react with VHH of llama IgG's. No reactivity is observed to: non-immunoglobulin llama serum proteins.

Restrictions: For Research Use only

Handling

Format: Lyophilized

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.

Handling Advice: Product is photosensitive and should be protected from light.
Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. A solution with 50 % glycerol 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.

Storage: 4 °C/-20 °C

Storage Comment: 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.