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Datasheet for ABIN969730

Goat anti-Llama IgG (Chain gamma), (Heavy & Light Chain) Antibody (HRP)

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Chain gamma, Heavy & Light Chain
Reactivity:	Llama
Host:	Goat
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Purified Llama IgG, whole molecule
Specificity:	Based on IEP, this antibody reacts with: heavy (gamma) chains on llama IgG, light chains on all llama immunoglobulins
Purification:	Affinity purified using solid phase Llama IgG (H and L)
Purity:	> 95 % based on SDS-PAGE

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

Application Notes:	<p>This conjugate is suitable for all immunoassay applications.</p> <p>The optimal working dilution should be determined by the investigator. Suggested starting dilution: 1:500-1:5,000 for Immunohistochemistry. 1:200-1:5000 for ELISA/Western blot</p>
Comment:	<p>Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.</p> <p>HRP: Enzyme derived from the plant horseradish, A small molecule that does not cause steric hindrance in antibody-antigen reactions, Highly sensitive, can detect low levels of antibody and can be used in a sensitive ECL assay, Hydrogen peroxide oxidizes chromogenic substrates such as TMB, ABTS, and OPD to produce a soluble product with a distinct color which can be measured by spectrophotometer, The reaction product has a high color stability after the reaction is stopped. Detection OD of 450 nm</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Rehydrate with 1.1 mL of deionized water. Allow reconstituted product to stand for at least 30 minutes at room temperature prior to dilution. If necessary, Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Concentration:	1.0 mg/mL
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free
Preservative:	Kathon CG
Handling Advice:	Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C