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Datasheet for ABIN101249

Rabbit anti-Goat IgG (Fc Region) Antibody - Preadsorbed

1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Goat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Goat IgG F(c) fragment
Isotype:	IgG
Specificity:	IgG F(c)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background: Synonyms: rabbit anti-Goat IgG F(c) Antibody, rabbit anti-Goat IgG Fc fragment Antibody
Background: Anti-Goat IgG F(c) generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH . Receptors bind the Fc portion of goat IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000
Application Note: Anti-Goat IgG F(c) antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
ELISA Dilution: 1:20,000 - 1:100,000
Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.0 mg/mL

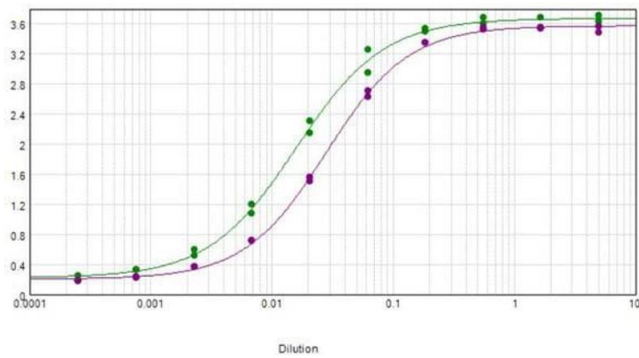
Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: None
Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 12 months



ELISA

Image 1. ELISA results of purified Rabbit Anti-Goat IgG F(c) Antibody tested against purified Goat IgG F(c) (purple line), Goat IgG (green line). Each well was coated in duplicate with 1.0 μ g. The starting dilution of antibody was 5 μ g/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using Blocking buffer MB-060-1000, Dky Anti-Rabbit HRP 611-703-127, and TMB-1000 substrate.