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Datasheet for ABIN101304

Goat anti-Guinea Pig IgG (F(ab')₂ Region) Antibody

Overview

Quantity:	2 mL
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Guinea Pig IgG F(ab') ₂ fragment
Specificity:	IgG F(ab') ₂
Characteristics:	Concentration Definition: by Refractometry
Purification:	This product was prepared from monospecific antiserum by delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, guinea pig IgG, guinea pig serum, Guinea Pig IgG F(ab') ₂ . No reaction was observed against Guinea Pig IgG F(c).

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background: Synonyms: goat anti-Guinea Pig IgG F(ab')₂ fragment Antibody, goat anti-Guinea Pig IgG Fab₂ fragment Antibody, goat anti Guinea Pig IgG Fab₂

Background: Anti-Guinea Pig IgG F(ab')₂ Antibody generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH . F(ab')₂ Molecules lack the Fc portion of IgG and therefore receptors that bind Guinea Pig IgG F(c) will not bind Guinea Pig IgG F(ab')₂ Molecules. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000

Application Note: This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

ELISA Dilution: 1:20,000 - 1:100,000

Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Volume: 2.0 mL
Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 90 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Storage: RT, 4 °C, -20 °C

Expiry Date: 12 months