



Datasheet for ABIN101430

Goat anti-Horse IgG (F(ab')₂ Region) Antibody (HRP)



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1 Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Horse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

Immunogen:	Anti-Horse IgG was produced by repeated immunization with horse IgG fragment in goat.
Isotype:	IgG
Specificity:	IgG F(ab') ₂
Characteristics:	Anti-Horse F(ab') ₂ peroxidase conjugated antibody generated in goat detects specifically horse IgG F(ab') ₂ . This secondary peroxidase conjugated antibody anti-Horse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm

Target Details

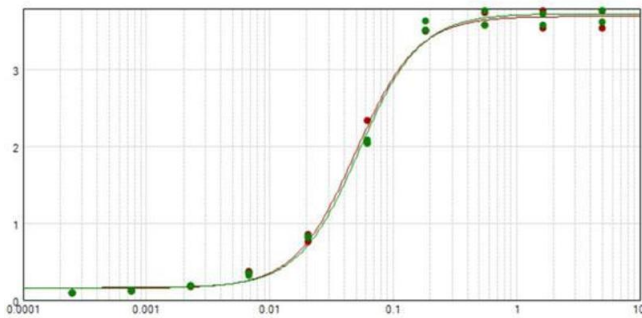
Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Horse IgG F(ab') ₂ Antibody, Gt-a-Horse F(ab') ₂ Peroxidase conjugated, Horse F(ab') ₂ Peroxidase Antibody in goat, Goat F(ab') ₂ peroxidase conjugated Secondary Antibody.

Application Details

Application Notes:	Anti-Horse IgG F(ab') ₂ peroxidase conjugated antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C



ELISA

Image 1. ELISA results of purified Polyclonal Goat Anti-Horse IgG F(ab')₂ Antibody Peroxidase Conjugated tested against Horse IgG F(ab')₂ (red) and Horse IgG (green). Each well was coated in duplicate with 1.0µg of antigen. The starting dilution of antibody was 5µg/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 TMB substrate .