

Datasheet for ABIN102083

Goat anti-Rabbit IgG (Fc Region) Antibody (HRP)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

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

Product Details

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

Target Details

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

Application Details

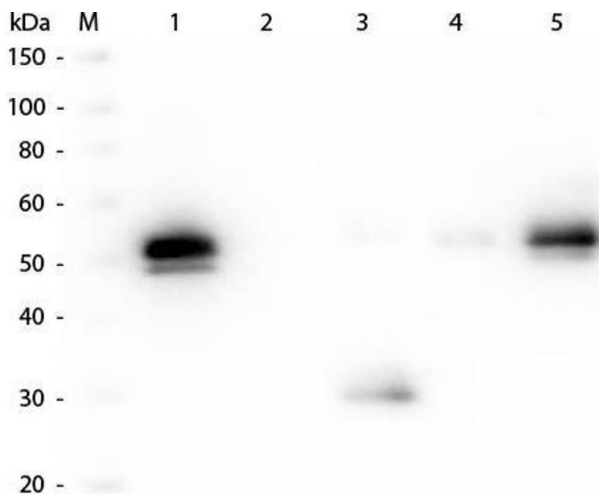
Application Notes:	Antibody Anti-Rabbit IgG F(c) peroxidase conjugated is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	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

Publications

Product cited in:	Hernández-Vásquez, Adame-García, Hamoud, Chidiac, Reyes-Cruz, Gratton, Côté, Vázquez-Prado: "Cell adhesion controlled by adhesion G protein-coupled receptor GPR124/ADGRA2 is mediated by a protein complex comprising intersectins and Elmo-Dock." in: The Journal of biological chemistry , Vol. 292, Issue 29, pp. 12178-12191, (2017) (PubMed).
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Western Blotting

Image 1. Western Blot of Anti-Rabbit IgG F(c) (GOAT) Antibody . Lane M: 3 μ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule . Lane 2: Rabbit IgG F(ab) Fragment . Lane 3: Rabbit IgG F(c) Fragment . Lane 4: Rabbit IgM Whole Molecule . Lane 5: Normal Rabbit Serum . All samples were reduced. Load: 50 ng of IgG, F(ab), IgM and Serum, 100 ng of F(c). Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (GOAT) Antibody 1:2,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Obsevered Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.