

Datasheet for ABIN102010

Goat anti-Rabbit IgG (Heavy & Light Chain) Antibody (HRP)

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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Immunoassay (IA)

Product Details

Immunogen:	Rabbit IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti Rabbit HRP Conjugated Secondary Antibodies are ideal for Western Blotting, Immunohistochemistry, ELISA as well as other antibody detection methods. Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	Synonyms: goat anti rabbit conjugated secondary antibody

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Secondary antibody reagents 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.
Restrictions:	For Research Use only

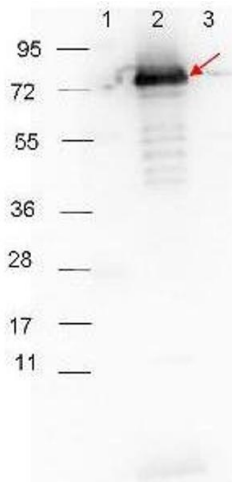
Handling

Format:	Lyophilized
Concentration:	1.0 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

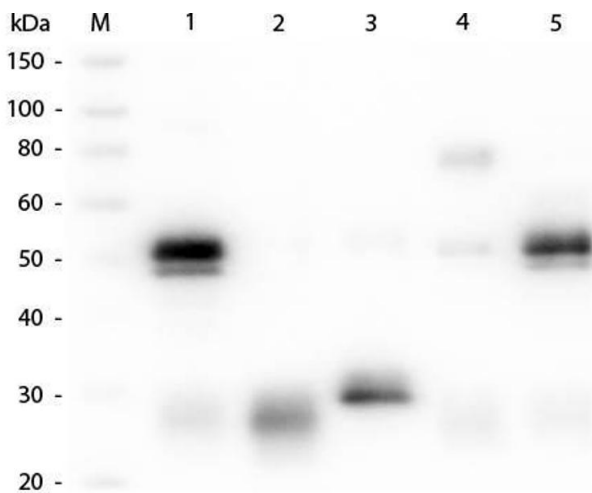
Product cited in:	Mușină, Zlei, Mentel, Scripcariu, Ștefan, Aniței, Filip, Radu, Gavrilesco, Panuța, Buna-Arvinte, Cordun, Predescu, Scripcariu, Huțanu: "Evaluation of circulating tumor cells in colorectal cancer using flow cytometry." in: The Journal of international medical research , Vol. 49, Issue 9, pp. 300060520980215, (2021) (PubMed).
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There are more publications referencing this product on: [Product page](#)



Western Blotting

Image 1. HRP-conjugated Goat-Anti-Rabbit secondary antibody was used at 1:40,000 in ABIN925618 blocking buffer to detect a rabbit primary antibody by Western Blot. Anti p27 antibody (200-401-C30, 1:1000 RT 30 minutes) showed detection of 0.1 µg of recombinant p27 protein. Lane 1: Molecular weight markers. Lane 2: MBP-p27 fusion protein (arrow; expected MW: 73.3 kDa). Lane 3: MBP alone. Protein was run on a 4-20% gel, then transferred to 0.45 µm nitrocellulose and blocked with 1% BSA-TTBS, diluted to 1X overnight at 4°C. Blot was imaged on the VersaDoc MP 4000 imaging system (Bio-Rad).



Western Blotting

Image 2. Western Blot of Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins). Lane M: 3 µl 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 per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (GOAT) Antibody (Min X Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt & Sh Serum Proteins) 1:1,000 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/Observed 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.

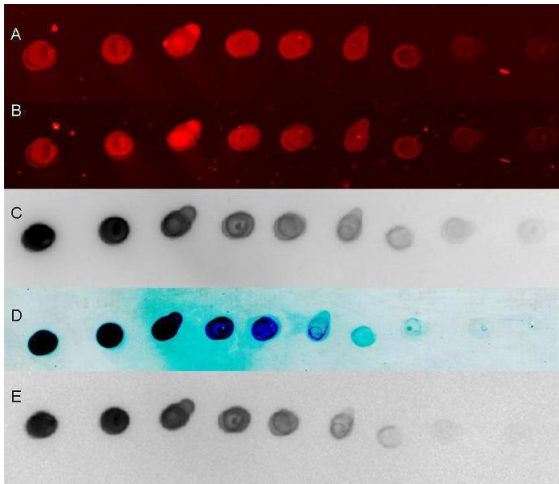


Image 3.