

Datasheet for ABIN102027

Sheep anti-Rabbit IgG (Heavy & Light Chain) Antibody - Preadsorbed

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1 Image

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Sheep
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Rabbit IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
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: Sheep Anti-Rabbit IgG Antibody Pre-Adsorbed, Sheep Anti-Rabbit IgG (H&L) Antibody Background: Anti-Rabbit IgG (H&L) generated in sheep detects rabbit Immunoglobulin G. Both the Heavy and Light chains of the antibody molecule are present. Representing approximately 75 % of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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.
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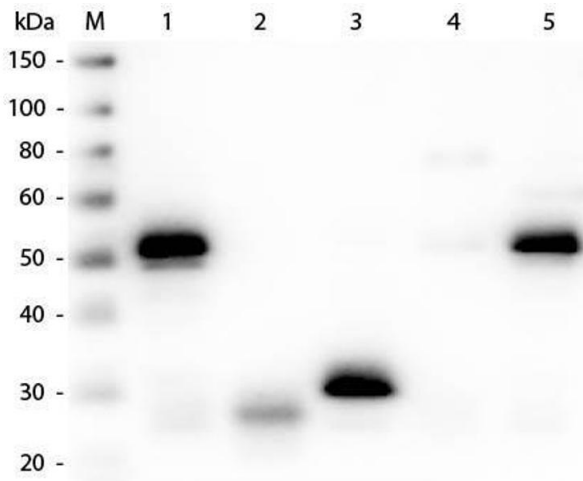
Application Details

Application Notes:	Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Application Note: Anti-Rabbit IgG antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user. ELISA Dilution: 1:20,000 - 1:100,000 Western Blot Dilution: 1:2,000 - 1:10,000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 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



Western Blotting

Image 1. Western Blot of Anti-Rabbit IgG (H&L) (SHEEP) Antibody (Min X Hu, Gt, Ms Serum Proteins) . 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 per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (SHEEP) Antibody (Min X Hu, Gt, Ms Serum Proteins) 1:3,000 for 60 min at RT. Secondary antibody: Anti-Sheep 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.