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# Sheep anti-Rabbit IgG (Heavy & Light Chain) Antibody (Alkaline Phosphatase (AP)) - Preadsorbed

reagents.

Sterile filtered



Go to Product pag

# 3 Images

Overview

Purification:

Sterility:

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	Alkaline Phosphatase (AP)
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)
Product Details	
Immunogen:	Immunogen: Rabbit IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Rabbit IgG antibody detects rabbit IgG whole molecule heavy and light chain components. Anti- Rabbit IgG antibody is ideal for researchers using immunoassays with rabbit primary antibody

Concentration Definition: by UV absorbance at 280 nm

Preadsorption: Solid phase absorption

## **Target Details**

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugation, sheep anti-Rabbit IgG Alkaline Phosphatase Conjugated Antibody  Background: Rabbit IgG antibody detects rabbit IgG whole molecule heavy and light chain components. Anti-Rabbit IgG antibody is ideal for researchers using immunoassays with rabbit primary antibody reagents.

## **Application Details**

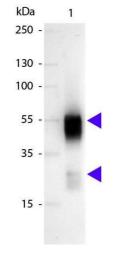
Application Notes:	Immunohistochemistry Dilution: 1:200 - 1:1,000
	Application Note: Anti-Rabbit IgG antibody is suitable for ELISA, Western Blot and
	immunohistochemistry applications. Specific conditions for reactivity should be optimized by
	the researcher.
	ELISA Dilution: 1:15,000
	Western Blot Dilution: 1:500 - 1:2,000
Restrictions:	For Research Use only

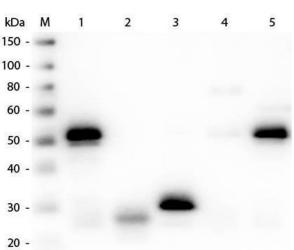
# Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50 % (v/v) Glycerol, pH 8.0 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free 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.
Handling Advice:	Do not freeze! Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.  Do not add Sodium azide.  Dilute only prior to immediate use

	Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Expiry Date:	12 months

#### **Images**





#### **Western Blotting**

Image 1. Western blot of Alkaline Phosphatase conjugated Sheep Anti-Rabbit IgG secondary antibody. Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Alkaline Phosphatase sheep secondary antibody at 1:1,000 for 60 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rabbit IgG. Other band(s): None.

#### **Western Blotting**

Image 2. Western Blot of Anti-Rabbit IgG (H&L) (SHEEP) Antibody (Min X Hu, Gt, Ms 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) (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/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.

1 2 3 4 5

#### **Dot Blot**

Image 3. Dot Blot of Sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugated. Antigen: Rabbit IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Sheep anti-Rabbit IgG Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 1 HR at RT.