

Datasheet for ABIN102219

**Donkey anti-Sheep IgG (Heavy & Light Chain) Antibody -
Preadsorbed**[Go to Product page](#)**1** Image

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Sheep
Host:	Donkey
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Sheep IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	<p>Sheep IgG whole molecule antibody generated in donkey detects specifically Sheep IgG whole molecule. This secondary antibody anti-Sheep is ideal for investigators who routinely perform western blot, immunoprecipitation and more generally immunoassays.</p> <p>Concentration Definition: by UV absorbance at 280 nm</p>
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
---------	-----

Target Details

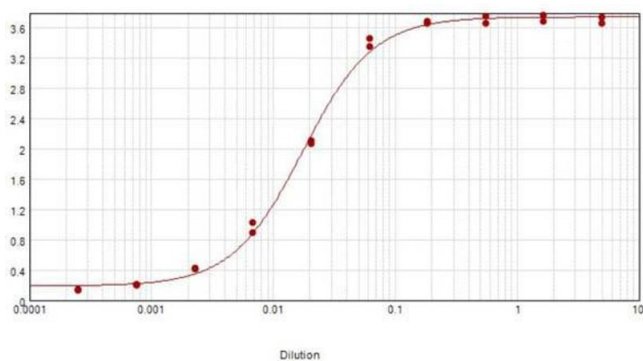
Abstract:	IgG Products
Target Type:	Antibody
Background:	<p>Synonyms: Donkey Anti-Sheep IgG Antibody</p> <p>Background: Sheep IgG whole molecule antibody generated in donkey detects specifically Sheep IgG whole molecule. This secondary antibody anti-Sheep is ideal for investigators who routinely perform western blot, immunoprecipitation and more generally immunoassays.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-Sheep IgG secondary antibody is suitable for use in various immunoassays. Specific conditions for reactivity and signal detection should be optimized by the end user.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
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



ELISA

Image 1. ELISA results of purified ELISA of Donkey anti-Sheep IgG Antibody tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 µg of Sheep IgG. 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 Blocking buffer MB-060-1000, Gt-a-Donkey IgG HRP conjugate 1:10,000, and TMB-8000 substrate.