



Datasheet for ABIN102234

## Donkey anti-Sheep IgG (Heavy & Light Chain) Antibody (HRP)



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### 1 Image

#### Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Sheep
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

#### Product Details

Immunogen:	Anti-Sheep IgG was produced by repeated immunization with Sheep IgG whole molecule in donkey.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Sheep IgG (H&L) peroxidase conjugated antibody generated in donkey detects specifically sheep IgG. This secondary peroxidase conjugated antibody anti-Sheep is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Synonyms: Sheep IgG (H&L) Antibody, Dnky-a-Sheep (H&L) Peroxidase conjugated, Sheep (H&L) Peroxidase Antibody in donkey, Sheep peroxidase conjugated secondary Antibody,

## Application Details

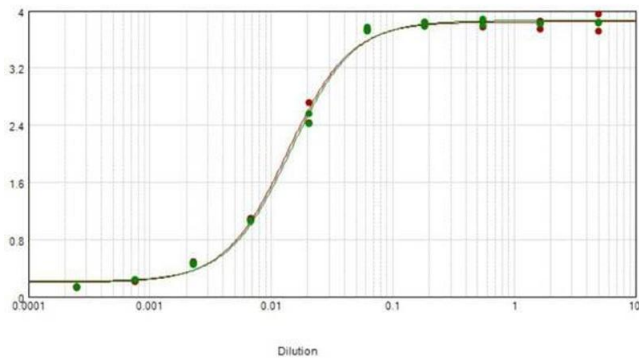
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Application Notes:	Anti-Sheep IgG (H&L) peroxidase conjugated antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
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



## ELISA

**Image 1.** ELISA results of purified Donkey Anti-Sheep IgG peroxidase conjugated MX8 Antibody tested against purified Sheep IgG. Each well was coated in duplicate with 1.0  $\mu\text{g}$  of Sheep IgG (green line). The starting dilution of antibody was 5  $\mu\text{g}/\text{ml}$  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 TMB-1000 substrate.