



Datasheet for ABIN101697

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



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Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA

Product Details

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

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Mouse IgG (H&L) Antibody, Dk-a-Mouse (H&L) Peroxidase conjugated, Mouse (H&L) Peroxidase Antibody in donkey, Donkey (H&L) peroxidase conjugated Secondary Antibody.

Application Details

Application Notes:	Antibody anti mouse peroxidase conjugated has been assayed against 1.0 µg of Mouse IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product. Antibody anti mouse peroxidase conjugated has been assayed against 1.0 µg of Mouse IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.
Restrictions:	For Research Use only

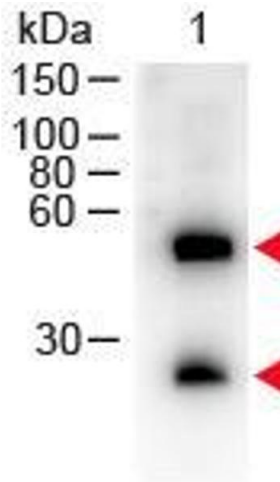
Handling

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 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:	Sterzenbach, Lee, Brenneke, von Goetz, Schauer, Fox, Suerbaum, Josenhans: "Inhibitory effect of enterohepatic <i>Helicobacter hepaticus</i> on innate immune responses of mouse intestinal epithelial cells." in: Infection and immunity , Vol. 75, Issue 6, pp. 2717-28, (2007) (PubMed).
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Validation report #104174 for Cleavage Under Targets and Tagmentation (CUT&Tag)



Western Blotting

Image 1. Western Blot of Donkey anti-Mouse IgG (H&L) Antibody Peroxidase Conjugated. Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary Antibody: None. Secondary antibody: Mouse IgG (H&L) Antibody Peroxidase Conjugated at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa for Mouse IgG. Other Band(s): None.