

Datasheet for ABIN101802

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



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Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

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

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Mouse Antibody, Gt-a-Mouse IgA, Mouse Antibody in Goat, Mouse Secondary Antibody

Application Details

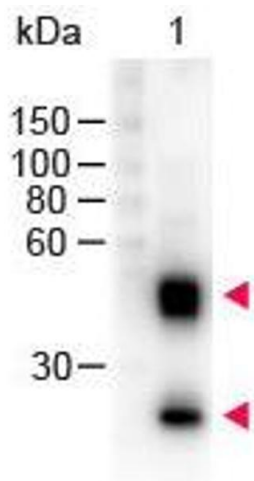
Application Notes:	Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Comment:	This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.
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:	Blair, Liu, Labitigan, Wu, Zheng, Xia, Pearson, Nazeer, Cao, Lang, Rines, Mackintosh, Moore, Li, Tian, Tackett, Yan: "KDM5 lysine demethylases are involved in maintenance of 3'UTR length." in: Science advances , Vol. 2, Issue 11, pp. e1501662, (2017) (PubMed).
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Western Blotting

Image 1. Western Blot of Peroxidase conjugated Sheep anti-Mouse IgG antibody. Lane 1: Mouse IgG. Lane 2: None. Load: 100 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase sheep secondary antibody 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.