Datasheet for ABIN101782

Rabbit 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:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Immunoassay (IA)

Product Details

Immunogen:	Mouse IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: mouse antibody, anti mouse igg conjugated secondary antibody

Application Details

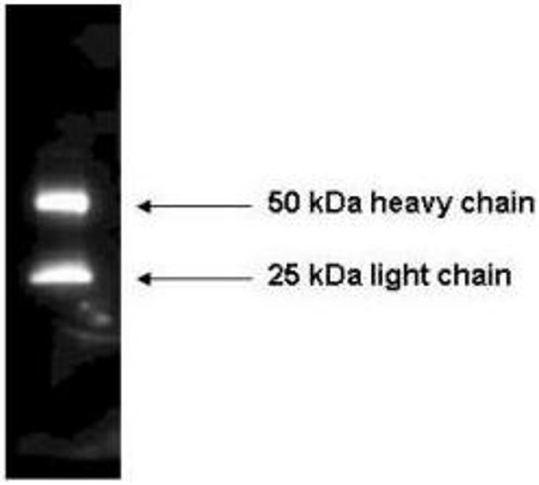
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment
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). There are more publications referencing this product on: Product page



Western Blotting

Image 1. Western Blot of Anti-Mouse IgG Antibody Peroxidase Conjugated detecting mouse IgG. Mouse IgG (1.0 mg) was separated on a 4-20% gradient gel and then transferred to Whatman Protran BA 85 nitrocellulose (0.45 µm pore size)., and blocked with 5% BLOTTO o/n at 4° C. The membrane was then probed with a 1:2,500 dilution of HRP Rb-a-Mouse IgG [H&L] for 45 min at RT. FemtoMax Super Sensitive Chemiluminescent HRP Substrate . Was added and the image was captured using a BioSpectrum Imaging System with a BioChemi 500 -28C cooled 4.0 Megapixel CCD Camera from UVP (www.uvp.com, Upland, CA). Binning: 5X5. Exposure time: 2 min. Aperture open. No emission or excitation filters used.