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Datasheet for ABIN101672

Rabbit anti-Human IgG (Fc Region) Antibody (HRP)

1 Image

1 Publication

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

Immunogen:	Human IgG fragment
Isotype:	IgG
Specificity:	IgG F(c)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	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

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 2.0 mg/mL

Buffer: 0.01 M Sodium 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: Cong, Gong, Yang, Xia, Zhang: "miR-22 Suppresses Tumor Invasion and Metastasis in Colorectal Cancer by Targeting NLRP3." in: **Cancer management and research**, Vol. 12, pp. 5419-5429, (2020) ([PubMed](#)).

Nuwer, Fleck: "Anterograde trafficking signals in GABAA subunits are required for functional expression." in: **Channels (Austin, Tex.)**, Vol. 13, Issue 1, pp. 440-454, (2020) ([PubMed](#)).

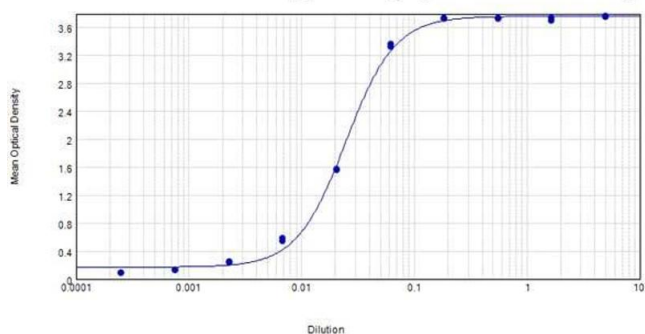
Agrawal, Lehtonen, Uusi-Mäkelä, Jain, Viitala, Määttä, Kähkönen, Azizi, Riihimäki, Kulomaa, Johnson, Hytönen, Airene: "Molecular features of steroid-binding antidins and their use for assaying serum progesterone." in: **PLoS ONE**, Vol. 14, Issue 2, pp. e0212339, (2019) ([PubMed](#)).

Shrestha, Ahn, Staples, Sathyan, Karpova, Foltz, Basrai: "Mislocalization of centromeric histone H3 variant CENP-A contributes to chromosomal instability (CIN) in human cells." in: **Oncotarget**, Vol. 8, Issue 29, pp. 46781-46800, (2018) ([PubMed](#)).

Millonig, Ganzleben, Peccerella, Casanovas, Brodziak-Jarosz, Breitkopf-Heinlein, Dick, Seitz,

Muckenthaler, Mueller: "Sustained submicromolar H₂O₂ levels induce hepcidin via signal transducer and activator of transcription 3 (STAT3)." in: **The Journal of biological chemistry**, Vol. 287, Issue 44, pp. 37472-82, (2013) ([PubMed](#)).

Anti-Human IgG F(c) Sensitivity



ELISA

Image 1. ELISA results of purified Rabbit anti-Human IgG F(c) Antibody Peroxidase Conjugated tested against purified Human IgG F(c). Each well was coated in duplicate with 1.0 μ g of Human IgG F(c). The starting dilution of antibody was 5 μ g/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 3% fish gelatin as blocking buffer and TMB substrate p/n TMBE-1000.