

Product Datasheet

Donkey IgG (H&L) Antibody Peroxidase Conjugated (orb348001)

Description	Donkey IgG (H&L) antibody (Peroxidase)
Species/Host	Rabbit
Reactivity	Donkey
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Donkey IgG whole molecule
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	2.0 mg/mL
Storage	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Note	For research use only
Application notes	Anti-Donkey IgG Peroxidase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency. This product has been assayed against 1.0 ug of Donkey IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.

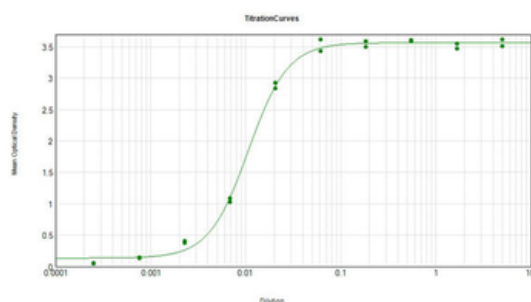
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Isotype	IgG
Clonality	Polyclonal
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Donkey IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Donkey IgG and Donkey Serum.
Dilution Range	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Donkey IgG Antibody Peroxidase Conjugated tested against purified Donkey IgG HRP. Each well was coated in duplicate with 1.0 μg of Donkey IgG (p/n orb2652734). The working dilution is 1:93000. 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 HRP Conjugate Stabilizer and TMB substrate (p/n orb348651).

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