

Product Datasheet

Rabbit anti-Canine IgG (H+L) Secondary Antibody [HRP] NBP1-73353

Unit Size: 2 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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NBP1-73353**Rabbit anti-Canine IgG (H+L) Secondary Antibody [HRP]**

Product Information	
Unit Size	2 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

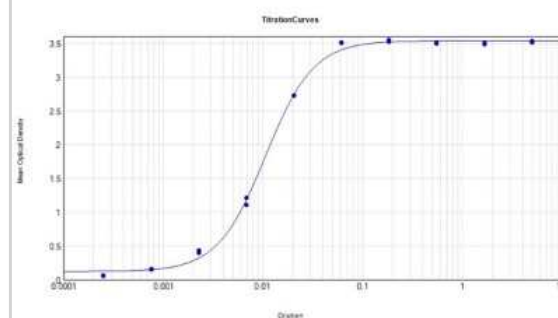
Product Description	
Host	Rabbit
Species	Canine
Immunogen	Dog IgG whole molecule
Notes	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Dog IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Dog IgG and Dog Serum.</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C 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 4C as an undiluted liquid. Dilute only prior to immediate use.</p>

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:10000 - 1:100000, Immunohistochemistry 1:500 - 1:2500
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. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).



Images

ELISA: Rabbit anti-Canine IgG (H+L) Secondary Antibody [HRP] [NBP1-73353] - ELISA Results of Rabbit anti-Canine IgG (H+L) Secondary antibody [HRP] tested against purified Dog IgG HRP. Each well was coated in duplicate with 1.0 ug of Dog IgG. The working dilution is 1:94,000. The starting dilution of antibody was 5ug/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 Conjugated Stabilizer and TMB substrate.



Publications

Schuler E, Marconi R The Leptospiral General Secretory Protein D (GspD), a secretin, elicits complement-independent bactericidal antibody against diverse Leptospira species and serovars Vaccine: X 2021-02-01 [PMID: 33733085] (WB, ELISA)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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