

Product Datasheet

Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [HRP] NBP1-73742

Unit Size: 1 mg

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

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Publications: 1

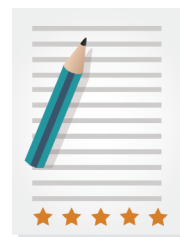
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NBP1-73742**Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [HRP]**

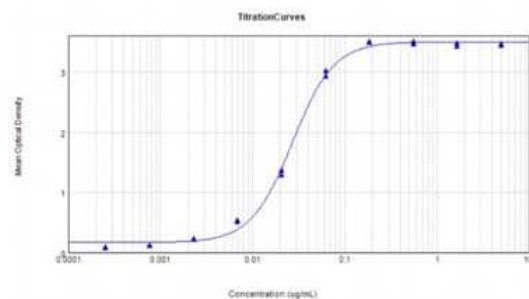
Product Information	
Unit Size	1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	HRP
Purity	Multi-step
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	
Description	<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> <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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, Mouse IgG and Mouse Serum</p>
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse or heavy or light chain isotypes.
Immunogen	Mouse IgG2a heavy chain

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:5000, ELISA 1:5000 - 1:20000, Immunohistochemistry 1:500 - 1:2500, Dot Blot
Application Notes	This product has been tested by ELISA and is suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).

Images

ELISA: Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [HRP] [NBP1-73742] - ELISA Results of Rabbit anti-Mouse IgG2a Heavy Chain Secondary antibody [HRP] tested against purified Mouse IgG2a HRP. Each well was coated in duplicate with 10 ug of Mouse IgG2a. The working dilution is 1:37,000. 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 3% Fish Gel/PBS Blocking buffer and TMB substrate.



Publications

Kim H, Kang K, Bang Y et al. MERS-CoV Spike Protein Vaccine and Inactivated Influenza Vaccine Formulated with Single Strand RNA Adjuvant Induce T-Cell Activation through Intranasal Immunization in Mice. *Pharmaceutics* 2020-05-10 [PMID: 32397649] (ELISA)

Details:

Citation using the HRP format of this antibody.



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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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