

Product Datasheet

Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [Alkaline Phosphatase] NBP1-72673

Unit Size: 1 mg

Store at 4C. Do not freeze.

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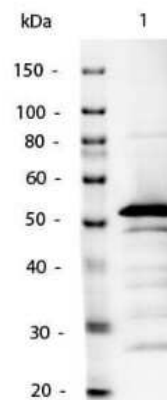


NBP1-72673**Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [Alkaline Phosphatase]**

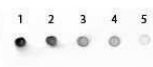
Product Information	
Unit Size	1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Conjugate	Alkaline Phosphatase
Purity	Multi-step
Buffer	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Product Description	
Description	Store vial at 4C before opening. DO NOT FREEZE. This product is stable at 4C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. This product was prepared from monospecific antiserum by immunoaffinity chromatography using antigens 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-Alkaline Phosphatase (calf intestine) and anti-Rabbit Serum
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse heavy or light chain isotypes.
Immunogen	Mouse IgG2a heavy chain
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2500, ELISA 1:2000 - 1:10000, Immunohistochemistry 1:200 - 1:1000, Dot Blot
Application Notes	This product has been tested by ELISA, dot blot, and western blot This antibody is assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 is suggested for this product.

Images

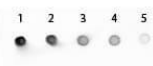
Western Blot: Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [Alkaline Phosphatase] [NBP1-72673] - Western Blot of Rabbit anti-Mouse IgG2a Heavy Chain Secondary antibody [Alkaline Phosphatase]. Lane 1: Mouse IgG2a. Lane 2: none. Load: 50ng per lane. Primary antibody: none. Secondary antibody: Rabbit anti-Mouse IgG2a Heavy Chain Secondary antibody [Alkaline Phosphatase] at 1:1,000 at 4C. Block for 30 min at RT. Reaction visualized with alkaline phosphatase substrate for 30 seconds at RT. Predicted/Observed size: 55kDa for Mouse IgG2a.



Dot Blot: Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [Alkaline Phosphatase] [NBP1-72673]



Dot Blot of Mouse IgG2a Antibody Alkaline Phosphatase Conjugated. Antigen: Mouse IgG2a Load: Lane 1 - 200ng Lane 2 - 66.7ng Lane 3 - 22.2ng Lane 4 - 7.4 Lane 2.5ng Primary antibody: none Secondary antibody: Rabbit anti-Mouse IgG2a Heavy Chain Secondary Antibody [Alkaline Phosphatase] at 1:1,000 for 60 min at RT. Block for 60 min at RT Reaction visualized using alkaline phosphatase substrate for 30 seconds at RT.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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