

Product Datasheet

Rabbit anti-Canine IgG Fc Secondary Antibody NBP1-72773

Unit Size: 2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-72773**Rabbit anti-Canine IgG Fc Secondary Antibody**

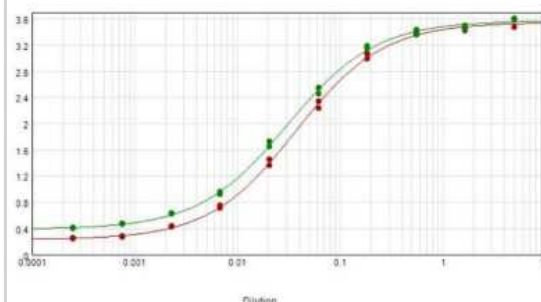
Product Information	
Unit Size	2 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Dog 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-Rabbit Serum, Dog IgG, Dog IgG F(c) and Dog Serum</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
Host	Rabbit
Species	Canine
Specificity/Sensitivity	No reaction was observed against Dog IgG F(ab).
Immunogen	Dog IgG F(c) fragment
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Dot Blot
Application Notes	This product has been tested by ELISA and is suitable for western blot and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

Images

Dot Blot: Rabbit anti-Canine IgG Fc Secondary Antibody [NBP1-72773] - Antigen: Dog IgG. Load: Lane 1 - 200 ng Lane 2 - 66.7 ng Lane 3 - 22.2 ng Lane 4 - 7.41 ng Lane 5 - 2.47 ng. Primary antibody: n/a. Secondary antibody: Rabbit anti-Dog IgG Fc Antibody Alkaline Phosphatase Conjugated at 1:1,000 for 1 HR at RT. Blocked with blocking buffer for 60 min at RT. Image using the Alkaline Phosphatase form of this antibody.



ELISA: Rabbit anti-Canine IgG Fc Secondary Antibody [NBP1-72773] - ELISA results of purified Rabbit anti-Canine IgG Fc Secondary antibody tested against purified Canine IgG F(c). Each well was coated in duplicate with 1.0 ug of Canine IgG F(c) (red line), Canine IgG (green line). 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 Blocking buffer, Gt Anti-Rabbit HRP and substrate.



Publications

Ruiz D, Haynes C, Marable J et al. Development of OX40 agonists for canine cancer immunotherapy iScience 2022-10-21 [PMID: 36217551]

Marable J, Ruiz D, Jaiswal A Et al. Nanobody-based CTLA4 inhibitors for immune checkpoint blockade therapy of canine cancer patients Research Square 2021-07-31 [PMID: 34675296] (WB)



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Products Related to NBP1-72773

NBP1-96784	Mouse IgG Fc Isotype Control
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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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