

Product Datasheet

Sheep anti-Canine IgG Fc Secondary Antibody NBP2-69475

Unit Size: 1 ml

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

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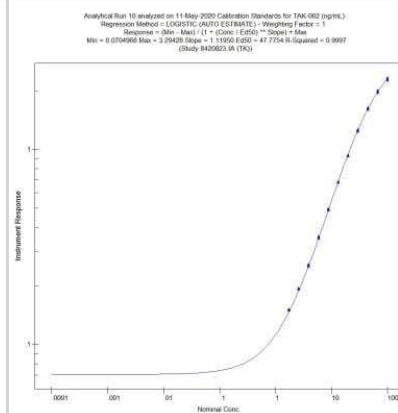
NBP2-69475**Sheep anti-Canine IgG Fc Secondary Antibody**

Product Information	
Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2).
Purity	Whole Antiserum
Buffer	Whole antiserum
Product Description	
Description	The lyophilized antiserum is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at 4C, not refrozen, and preferably used the same day.
Host	Sheep
Species	Canine
Reactivity Notes	The antiserum does not cross-react with any other component of the Dog immunoglobulin system. Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiserum has not been tested in detail.
Specificity/Sensitivity	The reactivity of the antiserum is restricted to the Fc part of the IgG molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal dog serum a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No precipitation reaction is obtained with purified IgA, IgM, and IgG/Fab fragments.
Immunogen	Highly purified normal IgG isolated from pooled dog serum was used for immunization of the sheep. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunoelectrophoresis
Recommended Dilutions	ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoelectrophoresis
Application Notes	Precipitation assays. In immunoelectrophoresis use 2 ul serum or equivalent against 120 ul antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ul antiserum in 3 mm diameter center well and 2 ul serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.



Images

ELISA: Sheep anti-Canine IgG Fc Secondary Antibody (Azide Free)
[NBP2-69475] - ELISA image submitted by a verified customer review.





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Products Related to NBP2-69475

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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