

# Product Datasheet

## Pig anti-Human IgG (H+L) Secondary Antibody [Biotin] NBP2-69398

Unit Size: 1 ml

Store at 4C in the dark.

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Updated 11/2/2024 v.20.1

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**NBP2-69398**

Pig anti-Human IgG (H+L) Secondary Antibody [Biotin]

Product Information	
Unit Size	1 ml
Concentration	LYOPH mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20C.
Conjugate	Biotin
Purity	Ion exchange chromatography
Buffer	Lyophilized from PBS (pH 7.2)

Product Description	
Description	The lyophilized conjugate is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at 4C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.
Host	Pig
Species	Human
Reactivity Notes	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 been tested in double radial immunodiffusion with the following results: Bovine - Cat - Chicken - Dog - Duck - Goat - Guinea Pig - Hamster - Horse - Mouse - Monkey + pigeon - Rabbit - Rat - Sheep - Turkey - A negative cross-reaction in double radial immunodiffusion does not exclude some reaction in more sensitive techniques.
Specificity/Sensitivity	The reactivity of the antiserum is directed to the Fc and Fab subunits of the IgG molecule. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion. It does not react with any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
Immunogen	Purified normal IgG isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin, Dot Blot





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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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