

# Product Datasheet

## Rabbit anti-Duck IgG (H+L) Secondary Antibody NBP2-69414

Unit Size: 10 mg

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

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**NBP2-69414****Rabbit anti-Duck IgG (H+L) Secondary Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	10 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	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.
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Lyophilized from PBS (pH 7.2)
<b>Product Description</b>	
<b>Description</b>	The lyophilized IgG fraction 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 product.
<b>Host</b>	Rabbit
<b>Species</b>	Duck
<b>Reactivity Notes</b>	<p>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:</p> <p style="text-align: right;">Bovine - Cat -</p> <p>Chicken - Dog - Goat - goose + Human - Horse - Mouse - Monkey - pigeon + Rat - Sheep - Swine - Turkey +</p> <p>A negative cross-reaction in double radial immunodiffusion does not exclude a reaction on more sensitive techniques.</p>
<b>Specificity/Sensitivity</b>	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 duck serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
<b>Immunogen</b>	Purified normal IgG isolated from pooled duck serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, ELISA 1:100 - 1:2000, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunoblotting 1:100 - 1:2000, Dot Blot 1:100 - 1:2000
<b>Application Notes</b>	<p>Indirect immunofluorescence, ELISA, Dot blot, Immunoblotting. The optimum working dilution of the antibody for any specific application should be established by titration.</p> <p>Indirect immunofluorescence</p>





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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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