

# Product Datasheet

## Rabbit anti-Sheep IgG Fc Secondary Antibody [Biotin] NBP2-69503

Unit Size: 1 ml

Store at 4C in the dark.

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**NBP2-69503**

## Rabbit anti-Sheep IgG Fc Secondary Antibody [Biotin]

**Product Information**

<b>Unit Size</b>	1 ml
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C in the dark.
<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>Conjugate</b>	Biotin
<b>Purity</b>	Ion exchange chromatography
<b>Buffer</b>	Lyophilized from PBS (pH 7.2)

**Product Description**

<b>Description</b>	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.
<b>Host</b>	Rabbit
<b>Species</b>	Sheep
<b>Reactivity Notes</b>	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; however a strong reaction has been observed with Goat IgG.
<b>Specificity/Sensitivity</b>	The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule which expresses strict isotypic (class) specificity. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against normal sheep plasma and serum, a single characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. It does not react with IgM, IgA and IgG/Fab or any non-Ig protein in sheep serum.
<b>Immunogen</b>	Purified normal IgG isolated from pooled sheep serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Product Application Details**

<b>Applications</b>	Western Blot, Dot Blot, ELISA, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Paraffin, Immunoblotting 1:100 - 1:2000, Dot Blot 1:100-1:2000



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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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