

# Product Datasheet

## Rabbit anti-Goat Light Chain Secondary Antibody NBP2-69509

Unit Size: 1 ml

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

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**NBP2-69509****Rabbit anti-Goat Light Chain Secondary Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	1 ml
<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. Working dilutions are prepared by adding sterile phosphate buffered saline (PBS, pH 7.2).
<b>Purity</b>	Whole Antiserum
<b>Buffer</b>	Whole antiserum

<b>Product Description</b>	
<b>Description</b>	The lyophilized antiserum is shipped at ambient temperature and may be stored at 4C; prolonged storage at or below -20C. Working dilutions are prepared 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>	Goat
<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, but a wide scale of reactivity with IgG of other mammalian species must be assumed. The degree of cross-reactivity depends in addition to the phylogenetic relationship also on the concentrations of the reactants and the sensitivity of the assay format.
<b>Specificity/Sensitivity</b>	As tested in immunoelectrophoresis and double radial immunodiffusion against pooled normal goat serum and purified IgG fractions and light chain preparations, the antiserum reacts with determinants exposed on the surface (SD) and the Fab portion of all intact immunoglobulins, with Fab or F(ab') <sub>2</sub> subunits, and with free light chains of both types. This antiserum is not kappa or lambda chain specific. It does not react with any non-Ig protein in goat serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
<b>Immunogen</b>	Purified light chains isolated from polyclonal goat IgG. Freund's complete adjuvant is used in the first step of the immunization procedure.

<b>Product Application Details</b>	
<b>Applications</b>	Immunoelectrophoresis
<b>Recommended Dilutions</b>	Immunoelectrophoresis
<b>Application Notes</b>	<p>Precipitation assays. In immunoelectrophoresis use 2 ul or equivalent against 120 ul antiserum. In double radial immunodiffusion (Ouchterlony) use a rosette arrangement with 10 ul antiserum in a 3 mm diameter center well and 2 ul serum samples (neat and serially diluted) in 2 mm diameter peripheral wells. In single immunodiffusion, use 1% antiserum in agar gel to establish a standard curve.</p> <p>Precipitation assays</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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