

# Product Datasheet

## Sheep anti-Guinea Pig IgM Fc Secondary Antibody NBP2-69694

Unit Size: 1 ml

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

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**NBP2-69694**

## Sheep anti-Guinea Pig IgM Fc Secondary Antibody

Product Information	
<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 the lyophilized antiserum by adding 1 ml sterile distilled water. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2).
<b>Purity</b>	Whole Antiserum
<b>Buffer</b>	Whole antiserum

Product Description	
<b>Description</b>	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.
<b>Host</b>	Sheep
<b>Species</b>	Guinea Pig
<b>Reactivity Notes</b>	The antiserum does not cross-react with any other component of the Guinea Pig Ig 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.
<b>Specificity/Sensitivity</b>	The reactivity of the antiserum is restricted to the Fc part of the IgM molecule. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against normal guinea pig serum a single precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgM. No precipitation reaction is obtained with purified IgG, IgA, and IgG/Fab fragments.
<b>Immunogen</b>	Highly purified normal IgM isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.

Product Application Details	
<b>Applications</b>	ELISA, Immunoprecipitation, Immunoelectrophoresis
<b>Recommended Dilutions</b>	ELISA, Immunoprecipitation 1:10 - 1:500, 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 in a 3 mm diameter center well and 2 ul serum samples (neat and serially diluted) in 2 mm diameter peripheral wells.</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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