

Sheep anti Guinea Pig IgM (Fc specific) Secondary Antibody

Sheep anti Guinea Pig IgM (Fc specific)

CATALOG # AAA77562	HOST Sheep	REACTIVITY Guinea Pig	APPLICATIONS IEP (Immunoelectrophoresis)
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PRODUCT SYNONYMS

Sheep anti Guinea Pig IgM (Fc specific); Polyclonal Secondary Antibody; Sheep anti Guinea Pig IgM (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Reactivity	Guinea Pig
Clonality	Polyclonal
Specificity	Precipitating polyclonal Sheep antiSerum to Guinea Pig IgM, Fc specific.
Form/Format	Delipidated, heat inactivated, lyophilized, stable whole antiserum No preservative added Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal sheep serum. No foreign proteins added.
Applicable Applications for Sheep anti Guinea Pig IgM (Fc specific) secondary antibody	IEP (Immunoelectrophoresis)
Source	Highly purified normal IgM isolated from pooled guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Cross- reactivity	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.
Reconstitution	Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water.
Preparation and Storage	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. 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 +4°C, not refrozen, and preferably used the same day.

ADDITIONAL INFORMATION

Related Product Information for Sheep anti Guinea Pig IgM (Fc specific) secondary antibody	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. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgM in guinea pig serum and other body fluids or to determine its concentration. To prepare an immunoadsorbent for the purification of guinea pig IgM from serum or plasma.
Product Categories/Family for Sheep anti Guinea Pig IgM (Fc specific) secondary antibody	Antisera

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

