

Goat anti Dog IgM (Fc specific) Secondary Antibody

Goat anti Dog IgM (Fc specific)

CATALOG # AAA77540	HOST Goat	REACTIVITY Dog
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PRODUCT SYNONYMS

Goat anti Dog IgM (Fc specific); Polyclonal Secondary Antibody; Goat anti Dog IgM (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Dog
Clonality	Polyclonal
Specificity	Precipitating polyclonal Goat antiSerum to Dog IgM, Fc specific
Host Note	Highly purified normal IgM isolated from pooled dog serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Form	Depilidated, heat inactivated, lyophilized, stable whole antiserum . No preservative added Total protein and IgG concentrations in the antiserum are comparable to those of pooled normal goat serum. No foreign proteins added. Reconstitute the lyophilized antiserum by adding 1 ml sterile distilled water.
Reactivity Note	The antiSerum does not cross-react with any other component of the Dog 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.
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 Goat anti Dog 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 dog 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 IgA, and IgG/ Fab fragments. In precipitating techniques as immunoelectrophoresis and radial immunodiffusion to identify the presence of IgM in dog serum and other body fluids or to determine its concentration. To prepare an immunoabsorbent for the purification of dog IgM from serum or plasma.
Product Categories/Family for Goat anti Dog IgM (Fc specific) secondary antibody	Antisera; Veterinary

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.