Rabbit anti Bovine IgM (Fc specific) Secondary Antibody

Rabbit anti Bovine IgM (Fc specific), conjugated with Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77552	**Rabbit**	**Cattle**	**Dot Blot, ELISA, Immunoblot, Western Blot, Immunocytochemistry, Immunohistochemistry**

PRODUCT SYNONYMS

Rabbit anti Bovine IgM (Fc specific); Polyclonal Secondary Antibody; conjugated with Biotin; Rabbit anti Bovine IgM (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cattle
Clonality	Polyclonal
Specificity	Biotin-conjugated IgG fraction of polyclonal Rabbit antiSerum to Bovine IgM, Fc specific.
Applicable Applications for Rabbit anti Bovine IgM (Fc specific) secondary antibody	DB (Dot Blot), ELISA, IB (Immunoblot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Conjugation	Biotin
Product Type	Secondary Antibodies
Source	Purified normal IgM isolated from pooled bovine serum. Freund's complete adjuvant is used in the first step of the immunization procedure
Reactivity Note	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.
Product	Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. It is reconstituted by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C.
Preparation and Storage	The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. 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 +4°C, 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.

ADDITIONAL INFORMATION

Related Product Information for Rabbit anti Bovine IgM (Fc specific) secondary antibody	Background: The reactivity of the antiserum is directed to the Fc subunit of the IgM molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in bovine serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining for the detection of IgM at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgM antibodies in microbiology and autoimmune diseases; to identify a specific antigen using an reference antibody of bovine origin known to be of the IgM isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgM in bovine serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal
Product Categories/Family for Rabbit anti Bovine IgM (Fc specific) secondary antibody	Conjugated Secondary Antibody

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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/rabbit-anti-bovine-igm-fc-specific-secondary-antibody-dot-blot-immunoblot-immunocytochemistry-immunohistochemistry-elisa/77552