

Mouse anti Human IgG2 (Fc subclass specific) Secondary Antibody

Mouse anti Human IgG2 (Fc subclass specific), conjugated with Biotin

CATALOG # AAA77533	HOST Mouse	APPLICATIONS Immunoblot, Western Blot, Dot Blot, Immunohistochemistry, Immunocytochemistry, ELISA
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PRODUCT SYNONYMS

Mouse anti Human IgG2 (Fc subclass specific); Monoclonal Secondary Antibody; conjugated with Biotin; Mouse anti Human IgG2 (Fc subclass specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NI 25-1 (HP 6207)
Specificity	Biotin-conjugated purified monoclonal Mouse antibody to Human IgG2, subclass specific.
Form/Format	Biotin
Applicable Applications for Mouse anti Human IgG2 (Fc subclass specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Source	Highly purified monoclonal IgG2 isolated from pooled human serum.
Product	Purified monoclonal mouse IgG1 kappa conjugated with biotin, lyophilized from a solution in phosphate buffered saline (pH7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added. IgG concentration is 0.4 mg/ml. Biotin/IgG protein molar ratio (B/P) approximately 4.2. No foreign proteins added. Reconstitute the lyophilized product by adding 0.5 ml sterile distilled water.
Species Reactivity Note	The antiSerum does not react with any other component of the Human Ig system or any other Human plasma protein as tested. This antiSerum has not been tested for cross-reactivity with other species.
Preparation and Storage	The lyophilized product 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). Avoid repeated thawing and freezing. If a slight precipitation occurs upon storage, this should be removed by centrifugation and will not affect the performance of the product. Diluted solutions should be stored at +4°C, not refrozen, and preferably used the same day.

ADDITIONAL INFORMATION

Related Product Information for Mouse anti Human IgG2 (Fc subclass specific) secondary antibody	The reactivity of the antiserum is restricted to a subclass specific determinant on the Fc portion of the IgG2 molecule as tested in direct binding enzyme immunoassay, immunoblotting, immunoprecipitation and direct immunoperoxidase staining of cytoplasmic Ig. To identify the presence of IgG2 in human serum, other body fluids, cell and tissue substrates and to determine its concentration in techniques as ELISA, immunoperoxidase staining of cytoplasmic IgG2, and immunoblotting. As a second step an avidin or streptavidin conjugate of the customer's choice have to be used. The optimum working dilution is an assay-related characteristic. It may vary widely and should always be determined by titration. For histochemical use optimum dilutions are mostly from 1:50 to 250; in ELISA from 1:100 upwards; in Western blotting from 1:500 upwards.
Product Categories/Family for Mouse anti Human IgG2 (Fc subclass specific) secondary antibody	Human immunoglobulins

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mouse-anti-human-igg2-fc-subclass-specific-secondary-antibody-clone-ni-25-1-hp-6207-immunoblot-dot-blot-immunohistochemistry-immunocytochemistry-elisa/77533>