

Goat anti Rat IgG1 (subclass specific) Secondary Antibody

Goat anti Rat IgG1 (subclass specific), conjugated with Horseradish peroxidase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77577	Goat	Rat	Dot Blot, Immunoblot, Western Blot, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Goat anti Rat IgG1 (subclass specific); Polyclonal Secondary Antibody; conjugated with Horseradish peroxidase; Goat anti Rat IgG1 (subclass specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Rat
Clonality	Polyclonal
Specificity	Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Rat IgG1, subclass specific.
Applicable Applications for Goat anti Rat IgG1 (subclass specific) secondary antibody	DB (Dot Blot), IB (Immunoblot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Conjugation	HRP
Source	Pools of purified homogenous IgG1 isolated from pooled rat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	Peroxidase-coupled purified hyperimmune goat 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 1/2 below -20°C.
Reactivity Note	This immunoconjugate is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. Cross-reactivity of this product has not been tested in detail.
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 in the dark 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

Product Categories/Family for Goat anti Rat IgG1 (subclass specific) secondary antibody	Conjugated Secondary Antibody
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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://stage.aaabiotech.com/polyclonal/goat-anti-rat-igg1-subclass-specific-secondary-antibody-dot-blot-immunoblot-immunohistochemistry-immunocytochemistry-elisa/77577>