

Mouse IgG (Fab) Immunoglobulin | IgG immunoglobulin

Mouse IgG (Fab)

CATALOG #
AAA75266

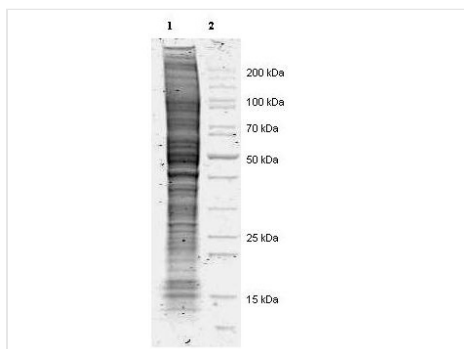
PRODUCT SYNONYMS

Mouse IgG (Fab); Mouse Immunoglobulin G (Fab); IgG immunoglobulin

PRODUCT SPECIFICATIONS

Purity/Purification	Mouse IgG (Fab) was purified by delipidation, salt fractionation and ion exchange chromatography followed by dialysis.
Form/Format	Supplied as a liquid in 20mM Potassium Phosphate, 150mM Sodium Chloride, pH 7.2, with 0.01% Sodium Azide as a preservative
Concentration	2.0 mg/ml (by UV absorbance at 280 nm) (varies by lot)
Source	Normal Mouse Serum
Contaminants	A single precipitin arc was observed against anti-mouse IgG, anti-Mouse IgG, anti-Mouse IgG F(ab') ₂ and anti-Mouse serum, when assayed by Immuno-electrophoresis.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Biological Significance	Immunoglobulin G (IgG) are antibody molecules. Each IgG is composed of four peptide chains - two heavy chains and two light chains. Each IgG has two antigen binding sites. Other Immunoglobulins may be described in terms of polymers with the IgG structure considered the monomer. The fragment antigen-binding (Fab fragment) is a region on an antibody that binds to antigens. It is composed of one constant and one variable domain of each of the heavy and the light chain. These domains shape the paratope — the antigen-binding site — at the amino terminal end of the monomer. The two variable domains bind the epitope on their specific antigens.
Preparation and Storage	Ships ambient or refrigerated. Upon receipt store at 4°C prior to opening. Stable for several weeks at 4°C as an undiluted liquid. For extended storage aliquot and store at -20°C. Dilute only prior to immediate use.

IMAGES



SDS-PAGE

SDS-PAGE of Mouse IgG. Coomassie stained SDS-PAGE of 20 µl of Mouse Derived NIH 3T3 Whole Cell Lysate separated in a 4-20% gradient gel under non-reducing conditions (lane 1). Molecular weight standards are shown in lane 2.

ADDITIONAL INFORMATION

Related Product Information for IgG immunoglobulin	Purified Mouse IgG (Fab)
Product Categories/Family for IgG immunoglobulin	Immunology; Immunoglobulins; Purified 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.

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Online datasheet: <https://stage.aaabiotech.com/immunoglobulin/mouse-igg-fab/75266>