

## Mouse IgG (Fc) Immunoglobulin | IgG immunoglobulin

Mouse IgG (Fc)

|                              |                      |
|------------------------------|----------------------|
| CATALOG #<br><b>AAA14352</b> | HOST<br><b>Mouse</b> |
|------------------------------|----------------------|

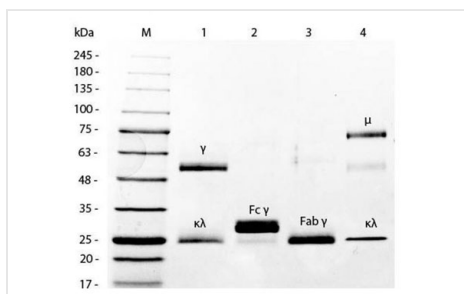
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification     | Single arc observed by IEP.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format             | Sterile filtered liquid, supplied in 20mM PBS buffer, 150mM Sodium Chloride, pH 7.2 with 0.01% Sodium Azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration           | 1.0 mg/ml by OD280nm (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Grade                   | Highly Purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Source                  | Mouse Serum delipidated, fractionated, ion-exchange chromatography & papain digestion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Biohazard Information   | Use Normal Laboratory Techniques when handling this material                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 Fc regions of IgGs bear a highly conserved N-glycosylation site. The N-glycans attached to this site are predominantly core-fucosylated diantennary structures of the complex type. In addition, small amounts of these N-glycans also bear bisecting GlcNAc and alpha-2,6-linked sialic acid residues. |
| Preparation and Storage | Store at 4 degree C under sterile conditions. For extended storage aliquot and freeze at -20 degree C. Prepare fresh working dilutions daily.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



#### SDS-PAGE

Lane 1: 5 uL MW Marker. Lane 2: Reduced Mouse IgG Whole Molecule. Lane 3: Reduced Mouse F(c) Fragment. Lane 4: Reduced Mouse F(ab) Fragment. Lane 5: Mouse IgM Kappa Myeloma Protein. Load: 1 ug per lane. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM K at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.

### ADDITIONAL INFORMATION

|                                                    |                         |
|----------------------------------------------------|-------------------------|
| Related Product Information for IgG immunoglobulin | Purified Mouse IgG (Fc) |
|----------------------------------------------------|-------------------------|

**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](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/mouse-immunoglobulin/mouse-igg-fc/14352>