

## Goat anti-Mouse IgG1 Antibody Polyclonal Antibody

Affinity Purified Goat anti-Mouse IgG1 Antibody

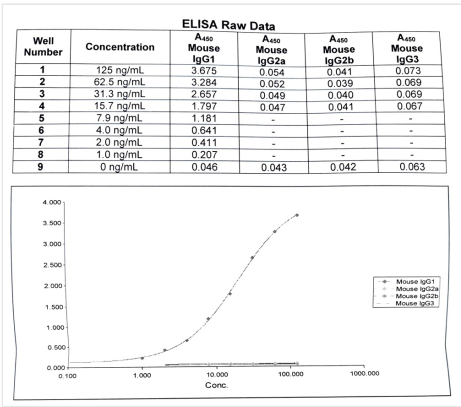
|                              |                     |                            |
|------------------------------|---------------------|----------------------------|
| CATALOG #<br><b>AAA76768</b> | HOST<br><b>Goat</b> | REACTIVITY<br><b>Mouse</b> |
|------------------------------|---------------------|----------------------------|

### PRODUCT SYNONYMS

anti-Mouse IgG1 Antibody; Polyclonal Antibody; Affinity Purified Goat anti-Mouse IgG1 Antibody; Affinity Purified Goat anti-Mouse IgG1; anti-anti-Mouse IgG1 Antibody antibody

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Goat                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality               | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification     | Unconjugated A.P.                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                        |
| Concentration           | 1.0 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                     |
| Antibody Type           | Antigen Affinity Purified - Polyclonal                                                                                                                                                                                                                                                                                                                                                                        |
| Buffer                  | Phosphate buffered saline, pH 7.2                                                                                                                                                                                                                                                                                                                                                                             |
| Preservative            | 0.09% sodium azide                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preservative            | 0.1% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                             |
| Procedure               | Goats were immunized with highly purified mouse IgG1 and the resulting antiserum was collected. Antibody was solid phase adsorbed using mouse IgG2a, IgG2b and IgG3 immunosorbents to remove cross reactive antibody. Specific antibody was immunoaffinity purified off a mouse IgG1 containing immunosorbent. Antibody concentration was determined using an absorbance at 280 nm: 1.4 equals 1.0 mg of IgG. |
| Specifications          | This antibody will react with mouse IgG1 as determined by ELISA and IEP techniques and has less than 1% cross reactivity with mouse IgG2a, IgG2b and IgG3. It is suitable for blotting, ELISA and IHC applications. This antibody may cross react with IgG from other species. Optimal working dilutions should be determined experimentally by the investigator.                                             |
| Preparation and Storage | Store at 2-8°C                                                                                                                                                                                                                                                                                                                                                                                                |



| Step | Action                                        | Materials Used                                                                  |
|------|-----------------------------------------------|---------------------------------------------------------------------------------|
| 1    | Antigen - 1000 ng/well. Incubated 60 minutes  | Mouse IgG1, IgG2a, IgG2b, IgG3                                                  |
| 2    | Block plates. Incubated 30 minutes            | 1% BSA                                                                          |
| 3    | Primary Antibody - Incubated 60 minutes       | Affinity Purified Goat anti-Mouse IgG1                                          |
| 4    | HRP Conjugated Antibody. Incubated 30 minutes | HRP Conjugated Sheep anti-Goat IgG 1+L ads vs. multiple species (SGHL-50P/ASPP) |
| 5    | Develop with TMB. Incubated 10 minutes        | TMB Substrate                                                                   |
| 6    | Stop reaction                                 | 0.3M H <sub>2</sub> SO <sub>4</sub>                                             |
| 7    | Read plates at A <sub>450</sub>               | Microplate Reader set at 450 nm                                                 |

Application Data

ADDITIONAL INFORMATION

|                                                                        |                                                                                                                                                                                                 |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-anti-Mouse IgG1 Antibody antibody | Goats were immunized with highly purified mouse IgG1. The resulting antiserum was passed over an antigen containing immunoabsorbant from which the anti-mouse IgG1 was immunoaffinity purified. |
| Product Categories/Family for anti-anti-Mouse IgG1 Antibody antibody   | Mouse Protein                                                                                                                                                                                   |

NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 218533932 |
| NCBI Official Full Name | IgG1      |

**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/anti-mouse-igg1-antibody-antibody-elisa/76768>