

# Human IgG<sub>2</sub> Antibody

Monoclonal Mouse IgG<sub>1</sub> Clone # 985028 Catalog Number: MAB9794

DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human IgG <sub>2</sub> in direct ELISAs.
Source	Monoclonal Mouse IgG <sub>1</sub> Clone # 985028
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human IgG2 protein
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

#### **APPLICATIONS**

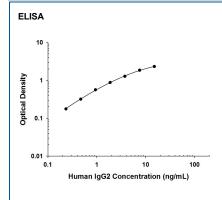
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

**ELISA** 

This antibody functions as an ELISA capture antibody when paired with Rabbit Anti-Human IgG Monoclonal Antibody (Catalog # MAB11012).

This product is intended for assay development on various assay platforms requiring antibody pairs.

### DATA



Human IgG<sub>2</sub>ELISA Standard Curve. Recombinant Human IgG2protein was serially diluted 2-fold and captured by Mouse Anti-Human IgG<sub>2</sub>Monoclonal Antibody (Catalog # MAB9794) coated on a Clear Polystyrene Microplate (Catalog # Catalog # DY990). Rabbit Anti-Human IgG Monoclonal Antibody (Catalog # Catalog # MAB11012) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # Catalog # DY998) followed by Substrate Solution (Catalog # Catalog # DY999) and stopping the enzymatic reaction with Stop Solution (Catalog # Catalog # DY994)

## PREPARATION AND STORAGE

 Reconstitution
 Reconstitute at 0.5 mg/mL in sterile PBS.

 Shipping
 The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

 \*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

## Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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