

Human IgG₁ Antibody

Monoclonal Mouse IgG_{2B} Clone # 984932 Catalog Number: MAB98941

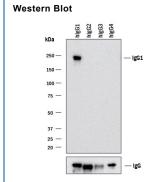
DESCRIPTION		
Species Reactivity	Human	
Specificity	Detects human IgG ₁ in direct ELISAs.	
Source	Monoclonal Mouse IgG _{2B} Clone # 984932	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	Synthetic peptide containing human IgG ₁ peptide	
Formulation	Lyophilized from 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: Onlined dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website

	Recommended Concentration	Sample
Western Blot	2 µg/mL	See Below

DATA



Detection of Human IgG₁ by Western

Blot. Western blot shows lysates of purified human IgG₁, purified human IgG₂ (negative control), purified human IgG₃ (negative control), and human purified human IgG₄ (negative control). PVDF membrane was probed with 2 ug/mL of Mouse Anti-Human IgG₁ Monoclonal Antibody (Catalog # MAB98941) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF018). A specific band was detected for IgG₁ at approximately 240 kDa (as indicated). Human IgG (Catalog # MAB1101) is shown as a loading control. This experiment was conducted under nonreducing conditions and using Immunoblot Buffer Group 1.

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

- 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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