



Mouse Immunoglobulin G (DPABT-F1021M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Mouse
Conjugate	Unconjugated
Applications	Quality tested applications for relevant formats include: Flow Cytometry, ELISA, FLISA Other referenced applications for relevant formats include: Immunohistochemistry-Paraffin Sections, Immunoblotting, Immunoprecipitation, Blocking, In vitro Control, In vivo Control
Format	Purified
Concentration	5.0 mg/mL
Size	10 mg
Buffer	The purified IgG is supplied as 10 mg of purified immunoglobulin in 2.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
Preservative	None
Storage	Store at 2-8°C

BACKGROUND

Introduction	Immunoglobulin G (IgG) is an antibody isotype. It is a protein complex composed of four peptide chains—two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells.
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Keywords

Ig gamma-2 chain C region antibody; immunoglobulin Gm2; immunoglobulin heavy constant gamma 2 (G2m marker); immunoglobulin heavy constant, gamma 2; IgG2; Immunoglobulin G2; IgG2γ; Immunoglobulin G2γ; IgG2 heavy chain, Immunoglobulin G2 heavy chain; IgG2yh
