

Recombinant Mouse IgG Protein

Cat. No. IgG-745M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IgG protein without tag was expressed in HEK293.
Species	Mouse
Source	HEK293
Description	Immunoglobulin G (IgG) is the major class of immunoglobulins. About three-quarters of all serum immunoglobulins belong to this class. IgG molecules consist of two heavy γ and two light chains ($2\gamma + 2L$).
Form	Lyophilized
Molecular Mass	24.3 kDa
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL

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Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
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Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
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GENE INFORMATION

Official Symbol	IgG
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Synonyms	IGHG1; IgG; IgG1
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