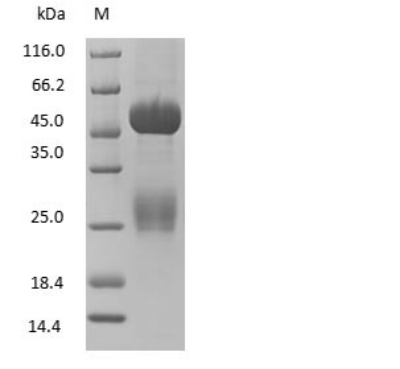
Rabbit Immunoglobulin G

Product Code	CSB-NP001501Rb
Relevance	IgG is a monomeric immunoglobulin, built of two heavy chains gamma and two light chains. Each molecule has two antigen binding sites. This is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids, constituting 75% of serum immunoglobulins. It can bind to many kinds of pathogens, for example viruses, bacteria, and fungi, and protects the body against them by complement activation (classic pathway), opsonization for phagocytosis and neutralisation of their toxins. There are 4 subclasses: IgG1 (66%), IgG2 (23%), IgG3 (7%) and IgG4 (4%).
Storage	Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.
Tested Applications	ELISA, WB, SDS-PAGE
Form	Liquid
Storage Buffer	PBS, pH 7.4
Alias	IgG
Product Type	Native Protein
Sensitivity	Not test
Purity	≥95% (SDS-PAGE)
Sequence	Full length protein
Research Area	Immunology
Source	Purified from Rabbit plasma
Protein Names	Rabbit Immunoglobulin G

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.