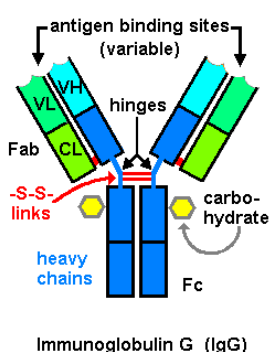


Product Data Sheet

Rabbit IgG (Isotype Controls)

□ Cat# 20009-WA-1	Rabbit IgG, purified (serum non-immune, isotype control), without azide, powder	Size: 1 mg
□ Cat# 20009-WA-5	Rabbit IgG, purified (serum non-immune, isotype control), without azide, powder	Size: 5 mg



Immunoglobulin G (IgG) is a type of antibody. 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. IgG has molecular weight of approximately 150 kDa, heavy or H chain approximately 50 kDa and light or L chain 25 kDa. Each IgG has two antigen binding sites.

Representing approximately 75% of serum antibodies in humans, IgG is the most common type of antibody found in the circulation.

A healthy non-immunized population of rabbits was used to collect serum. IgG was prepared by ammonium sulfate, and column chromatography (Sephadex, and DEAE-ion exchange columns). The resulting preparation was judged to be >95% pure by IEP and SDS-Page.

Form and Storage

20009-WA-1

The antibody is supplied in PBS, pH 7.4, without azide in **lyophilized** form (lot specific conc provided on the vial). Reconstitute powder in PBS to prepare 1 mg/ml solution. Store at -20oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

In most applications, Rabbit IgG is used at 0.1-1 ug/ml.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions and prepared immediately before use. Diluted solution should be discarded. This product can be used in immunodiffusion, ELISA, flow cytometry, immunofluorescence, or immunolocalization.

This product is for in vitro research use only.

Related Material available for ADI

Catalog#	Prod Description
20009-1	Rabbit IgG, purified (serum non-immune, isotype control)
20009-1-100	Rabbit IgG (-ve control for flow cytometry)
20009-1-200	Rabbit IgG Control Sera
20009-1-FAB	Rabbit IgG Fab fragment, purified
20009-1-FAB2	Rabbit IgG F(ab')2 fragment, purified
20009-1-FAB-B	Rabbit IgG Fab-Biotin Conjugate, purified
20009-1-FAB-F	Rabbit IgG Fab-FITC Conjugate, purified
20009-1-FAB-HP	Rabbit IgG Fab-HRP Conjugate, purified
20009-1-FC	Rabbit IgG (Fc) fragment, purified
20009-2-1	Rabbit IgM (isotype control, non-immune), purified
20009-2-1-B	Rabbit IgM-Biotin Conjugate (isotype control, non-immune), purified
20009-2-1-F	Rabbit IgM-FITC Conjugate (isotype control, non-immune), purified
20009-2-1-HP	Rabbit IgM-HRP Conjugate (isotype control, non-immune), purified
20009-25	Rabbit IgG, purified (serum non-immune, isotype control)
20009-5	Rabbit IgG, purified (serum non-immune, isotype control)
20009-AS-1	Rabbit IgG-Agarose conjugate
20009-B	Rabbit IgG (Whole, non-immune)-Biotin conjugate
20009-WA-1-Rabbit-IgG-without-azide	160408SV