

Native Human Immunoglobulin G3

Cat. No. IGHG3-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Mouse Serum
ProteinLength	Full length native human IgG3
Description	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%).
Form	Liquid
Purity	>95% (SDS-PAGE)
Applications	Western blotting, ELISA, etc
Storage	Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Storage Buffer	PBS
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GENE INFORMATION

Gene Name	IGHG3 Immunoglobulin heavy constant gamma 3(G3m marker) [Homo sapiens]
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Official Symbol	IGHG3
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Synonyms	IGHG3; Immunoglobulin heavy constant gamma 3(G3m marker);
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Gene ID	28219
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