



# Anti-Human IgG3 polyclonal antibody [FITC] (CPBT-65547SH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep anti Human IgG3 antibody recognizes human IgG3 and was shown to be specific by immunoelectrophoresis and double diffusion (Ouchterlony).
<b>Specificity</b>	IGHG3
<b>Immunogen</b>	Human IgG3 of each light chain type purified from myeloma serum. Immunogen shown to be pure by IEP and SDS-PAGE.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	FITC
<b>Applications</b>	IF
<b>Format</b>	Ig Fraction - liquid
<b>Size</b>	1 ml
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	+4°C, -20°C if preferred This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody.

## GENE INFORMATION

**Gene Name** [IGHG3 immunoglobulin heavy constant gamma 3 \(G3m marker\) \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	IGHG3
<b>Synonyms</b>	IGHG3; immunoglobulin heavy constant gamma 3 (G3m marker); IgG3;
<b>Entrez Gene ID</b>	<a href="#">3502</a>
<b>UniProt ID</b>	P01860
<b>Chromosome Location</b>	14q32.33
<b>Pathway</b>	Classical antibody-mediated complement activation; Complement cascade; Creation of C4 and C2 activators; FCGR activation; Fcgamma receptor (FCGR) dependent phagocytosis; IL4-mediated signaling events; Immune System; Initial triggering of complement;
<b>Function</b>	antigen binding;