

## Product Datasheet

# Human IgG4 Antibody

Catalog No: CY5455

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



### Information

**UniProt ID:** P01861

**All Names:** Ig gamma 4 chain C region; IGHG4; IGG4;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 36 kDa

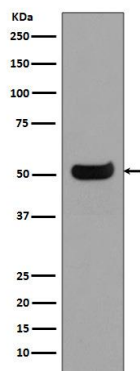
### Application

WB: 1:1000~1:2000

IHC: 1:500~1:1000

### Background

IgG4 antibodies will dominate the IgG response in schistosomiasis, lymphatic filariasis, and in patients after allergen immunotherapy. Unlike the other IgG subclasses, IgG4 does not activate complement. A combined IgA-IgG4 deficiency has been associated with recurrent pyogenic infections.



Western blot analysis of human IgG4 expression in Human spleen lysate.

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