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**Product Name: Human IgG4 Rabbit Monoclonal Antibody****Catalog #: AMRe03271**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.36mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 36 kDa; Observed MW: 36 kDa

**Antigen Information**

<b>Gene Name</b>	IGHG4
<b>Alternative Names</b>	IGG4; Ig gamma 4 chain C region
<b>Gene ID</b>	3503.0
<b>SwissProt ID</b>	P01861
<b>Immunogen</b>	A synthetic peptide of human IgG4

**Background**

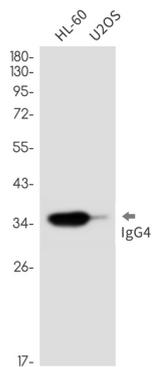
IgG is a monomeric immunoglobulin, built of two heavy chains gamma and two light chains. Each molecule has two antigen binding sites. This is the most abundant immunoglobulin and is approximately equally distributed in blood and in tissue liquids,

constituting 75% of serum immunoglobulins in humans.

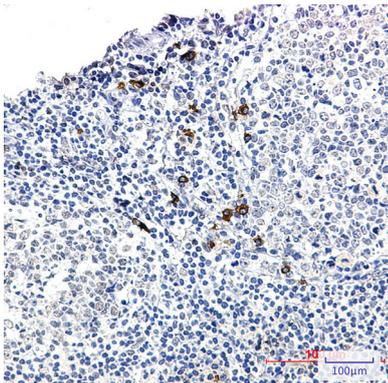
## Research Area

Immunology

## Image Data



Western blot analysis of IgG4 in HL-60, U2OS lysates using Human IgG4 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using IgG4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.