

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

Summary

Production Name	Human IgG4 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	IGHG4
Alternative Names	IGG4; Ig gamma 4 chain C region
Gene ID	3503.0
SwissProt ID	P01861

Application

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

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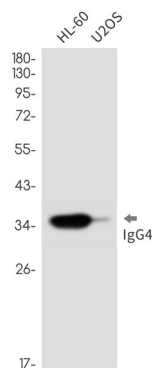
Background

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.

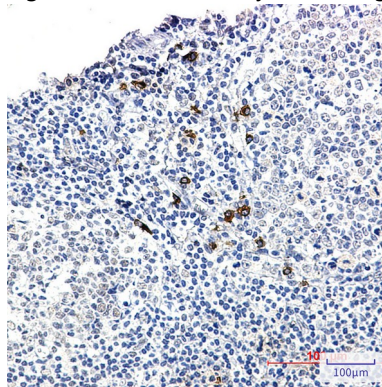
Research Area

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.

Note

For research use only.