

Anti-IgG4 Antibody (3E18)

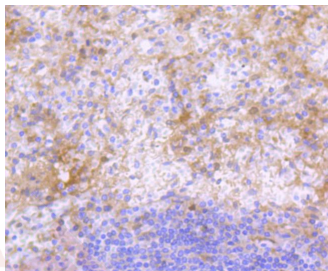
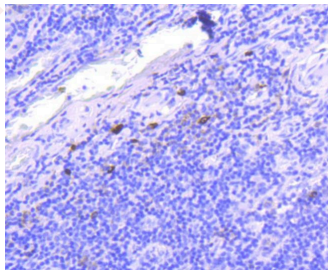
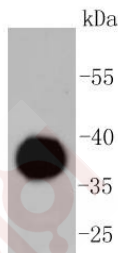
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 36 kDa.
Clone:	3E18
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of IgG4 on human plasma lysates using anti-IgG4 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IgG4 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-IgG4 antibody. Counter stained with hematoxylin.



Application:	IHC,WB
Recommended	WB: 1:1000-5000; IHC: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P01861

Synonyms: IGHG4;IgG4 Fc

Research Background

The regions of relatively constant sequence beyond the variable regions of immunoglobulins are termed constant regions (C regions) and are present in both the heavy and light chains. With very few exceptions, the sites of attachment for carbohydrates on immunoglobulins are located in these C regions. These regions also function to hold the variable regions together by using the disulfide bond between them. The C regions facilitate interaction with the antigen by increasing the maximum rotation of the immunoglobulin arms. Several studies have shown that a large population of patients with recurrent respiratory tract infection have low IgG4 concentrations.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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