



# Recombinant Rabbit Anti-Human IgG4 Antibodysodium azide free

**Catalog No: tcna4771saf** 

Available Sizes
Size: 100ug
Specifications
Application: WB, ICC, IHC, FACS, ELISA
Species Reactivity: Human
Host Species: Rabbit
Immunogen / Amino acids: Peptide corresponding to the hinge region of human IgG4 was used as the immunogen for this recombinant Human IgG4 antibody.
<b>Conjugation:</b> Purified
Clonality: Recombinant Rabbit Monoclonal
Clones: RM120
Isotype: Rabbit IgG
Form: Liquid
Storage Buffer:



1 mg/ml in PBS without glycerol/BSA/sodium azide

#### **Recommended Dilution:**

ELISA: 50ng/well - 200ng/well (Capture); 0.05-0.2ug/ml (Detection)

Western Blot: 0.5-2ug/ml

Immunocytochemistry: 1-10ug/ml

Immunohistochemistry: 1-10ug/ml (1)The stated application concentrations are suggested starting points. Titration of the recombinant Human IgG4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

1. A pH6 Citrate buffer or pH9 Tris/EDTA buffer HIER step is recommended for testing of FFPE tissue sections.

### **Storage Instruction:**

Store the recombinant Human IgG4 antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).

#### **SwissProt:**

P01861

#### **Gene ID:**

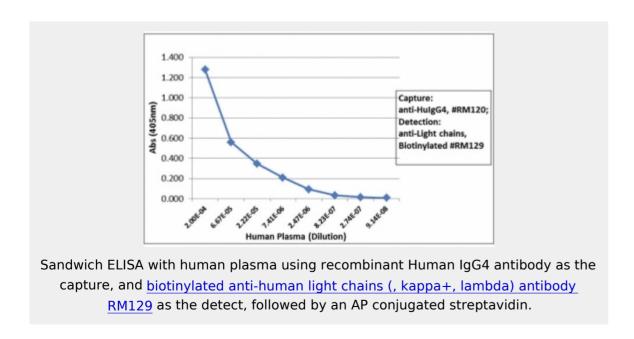
3503 (human);

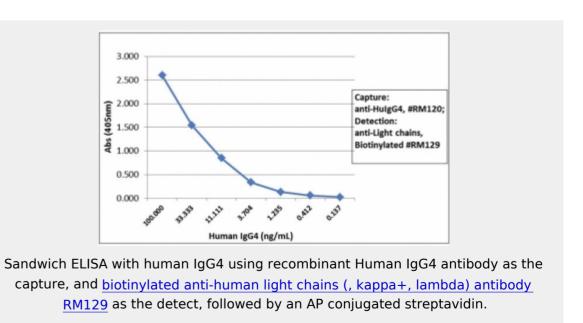
## References

**Purified** 

# **Product Description**

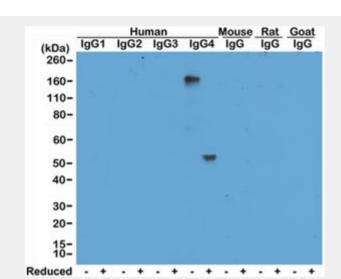
This recombinant Human IgG4 antibody reacts to the heavy chain of hIgG4. No cross reactivity with human IgG1, IgG2, IgG3, IgM, IgA, IgD, IgE, mouse/rat/goat IgG.



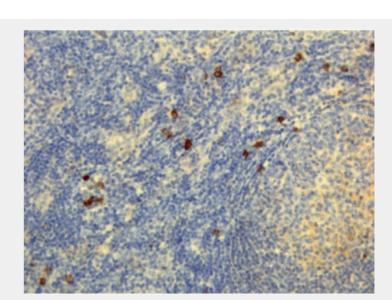




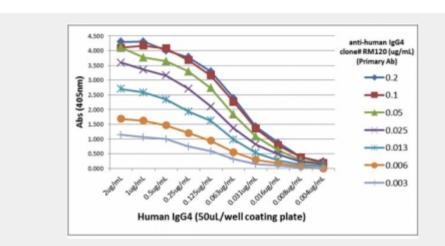




Western blot of human, mouse, rat, and goat IgG shows the recombinant Human IgG4 antibody reacts to hIgG4, in both whole molecule (~150kDa, non-reduced) and heavy chain (~50kDa, reduced) forms. No cross reactivity with other isotypes of hIgG, or mouse/rat/goat IgG.



IHC testing of FFPE human lymphoid tissue with recombinant Human IgG4 antibody.



ELISA Titration: the plate was coated with different amounts of hlgG4. A serial dilution of recombinant Human IgG4 antibody was used as the primary and an alkaline phosphatase conjugated anti-rabbit IgG as the secondary.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!