

# Recombinant Rabbit Anti-Human IgG4 Antibody- sodium azide free

Catalog No: tcna4771saf



## Available Sizes

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**Size:** 100ug

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## Specifications

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**Application:**

WB, ICC, IHC, FACS, ELISA

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**Species Reactivity:**

Human

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**Host Species:**

Rabbit

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**Immunogen / Amino acids:**

Peptide corresponding to the hinge region of human IgG4 was used as the immunogen for this recombinant Human IgG4 antibody.

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**Conjugation:**

Purified

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**Clonality:**

Recombinant Rabbit Monoclonal

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**Clones:**

RM120

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**Isotype:**

Rabbit IgG

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**Form:**

Liquid

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**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:**

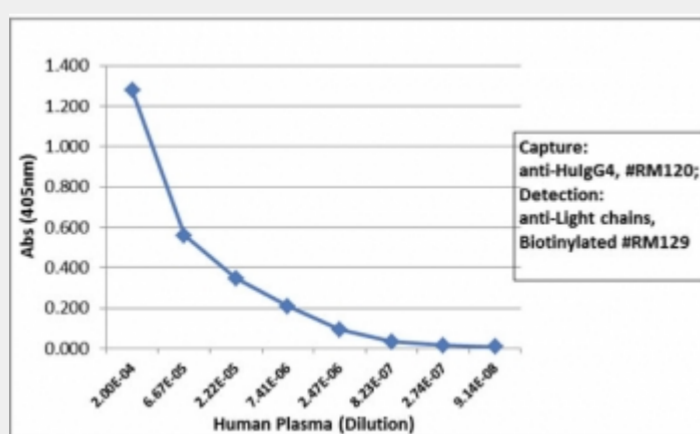
3503 (human);

**References**

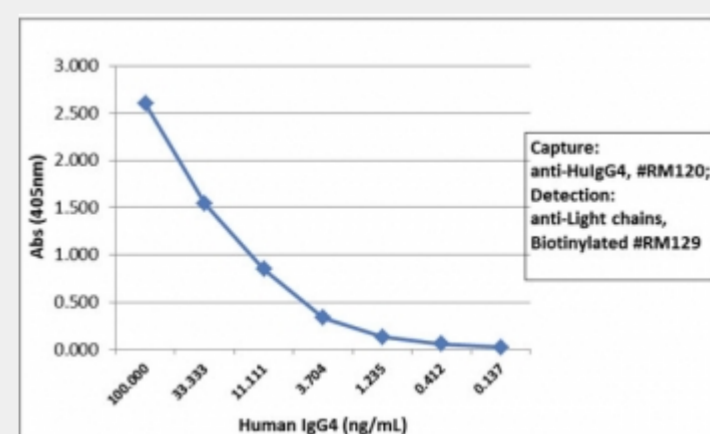
Purified

**Product Description**

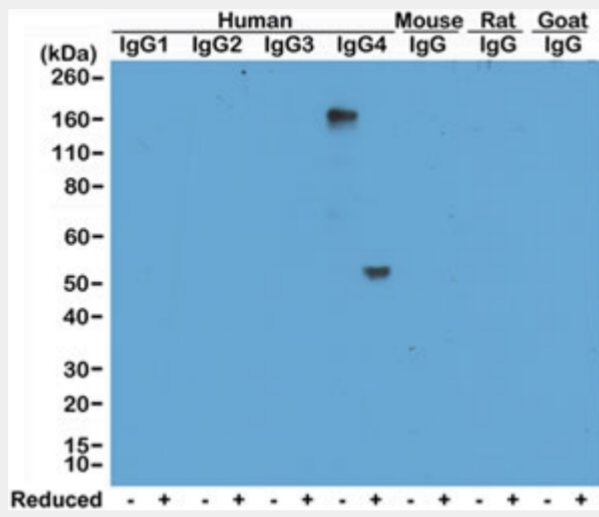
This recombinant Human IgG4 antibody reacts to the heavy chain of hIgG4. No cross reactivity with human IgG1, IgG2, IgG3, IgM, IgA, IgD, IgE, mouse/rat/goat IgG.



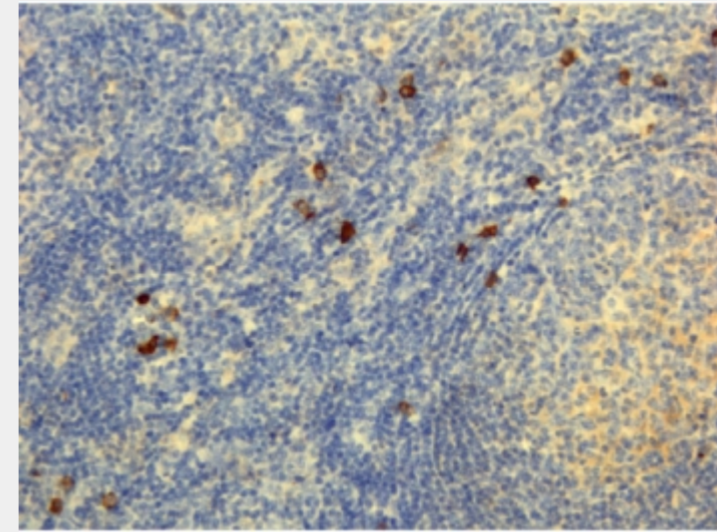
Sandwich ELISA with human plasma using recombinant Human IgG4 antibody as the capture, and [biotinylated anti-human light chains \(, kappa+, lambda\) antibody RM129](#) as the detect, followed by an AP conjugated streptavidin.



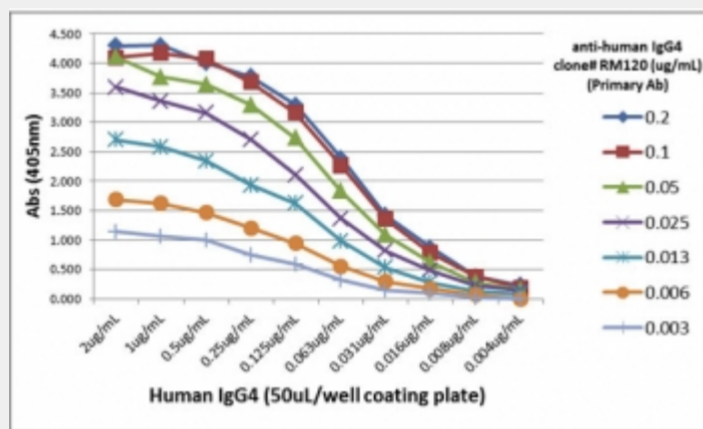
Sandwich ELISA with human IgG4 using recombinant Human IgG4 antibody as the capture, and [biotinylated anti-human light chains \(, kappa+, lambda\) antibody RM129](#) as the detect, followed by an AP conjugated streptavidin.



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 hIgG4. 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!