

# Recombinant Rabbit Anti-Mouse IgG2a Antibody- sodium azide free

Catalog No: tcna4747saf



## Available Sizes

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**Size:** 100ug



## Specifications

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**Application:**

WB (non-reduced only), IP, ICC, IHC, FACS, ELISA

**Species Reactivity:**

Mouse

**Host Species:**

Rabbit

**Immunogen / Amino acids:**

Mouse IgG2a was used as the immunogen for this recombinant Mouse IgG2a antibody.

**Conjugation:**

Purified

**Clonality:**

Recombinant Rabbit Monoclonal

**Clones:**

RM219

**Isotype:**

Rabbit IgG

**Form:**

Liquid

**Storage Buffer:**

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

**Recommended Dilution:**

ELISA: 0.005ug/ml - 0.2ug/ml

Immunocytochemistry: 0.5-2ug/ml

Immunohistochemistry (FFPE): 0.5-2ug/ml (1)

Western Blot (non-reduced only): 0.5-2ug/ml The stated application concentrations are suggested starting points.

Titration of the recombinant Mouse IgG2a 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 Mouse IgG2a antibody at -20oC (with glycerol) or aliquot and store at -20oC (without glycerol).

**SwissProt:**

P01863

**Gene ID:**

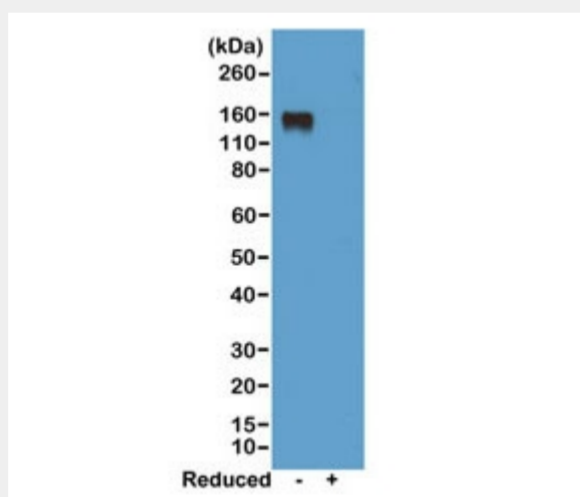
380793 (human);

**References**

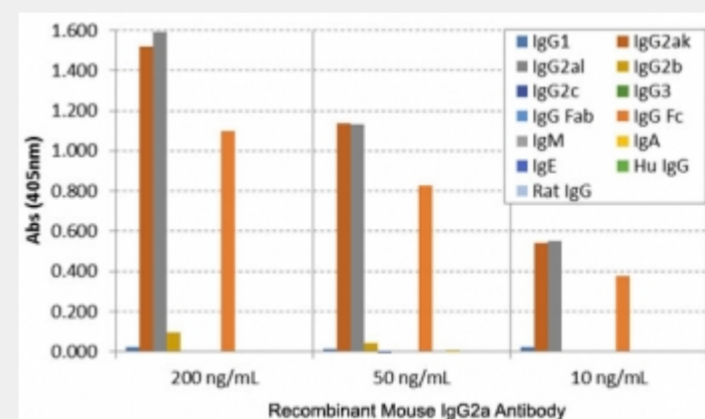
Purified

**Product Description**

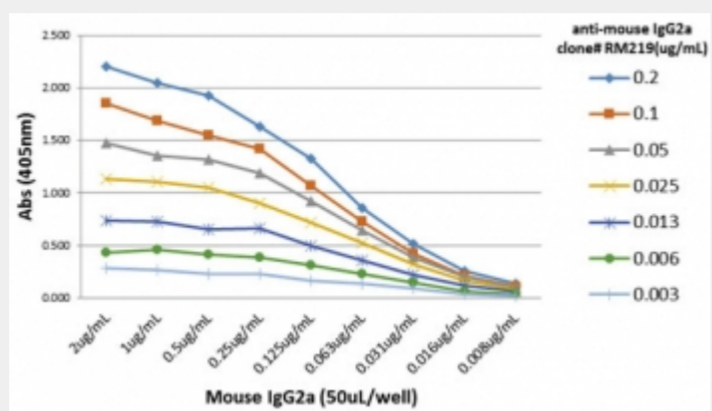
This recombinant Mouse IgG2a antibody reacts to the Fc region of mIgG2a. No cross reactivity with mouse IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human/rat IgG.



Western blot of nonreduced(-) and reduced(+) mouse IgG2a, using 0.5ug/ml of recombinant Mouse IgG2a antibody. This mAb reacts to nonreduced IgG2a (~150 kDa).



ELISA of mouse immunoglobulins shows the recombinant Mouse IgG2a antibody reacts to the Fc region of mIgG2a; no cross reactivity with IgG1, IgG2b, IgG2c, IgG3, IgM, IgA, IgE, human/rat IgG.



ELISA titer: the plate was coated with different amounts of mouse IgG2a. A serial dilution of recombinant Mouse IgG2a 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!