abcam

ab190463

Anti-Mouse IgG2a antibody [RM107]

Recombinant

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Full Length Protein corresponding to Mouse Ighg. The exact immunogen used to generate this antibody is proprietary information. Database link P01863
Clone number	RM107
Purification technique	Affinity purification Protein A
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	Protein A affinity purified from an animal origin-free and protein-free culture supernatant.

Reactivity data

IP

Expected

Species	Recombinant fragment, Mouse
Dilution info	Use at an assay dependent concentration.

Notes	-

Not recommended

Species	Recombinant full length protein - Mouse
Dilution info	-
Notes	-

Flow Cyt

Expected

Species	Mouse
Dilution info	-
Notes	ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

Not recommended

Species	Recombinant fragment, Recombinant full length protein - Mouse
Dilution info	-
Notes	-

ELISA

Tested

Species	Recombinant full length protein - Mouse
Dilution info	0.005-0.2 µg/mL
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Recombinant fragment
Dilution info	-
Notes	-

WB

Tested

Species	Mouse
Dilution info	0.1-0.5 µg/mL
Notes	Non-reducing conditions only

Not recommended

Species	Recombinant fragment, Recombinant full length protein - Mouse
Dilution info	-
Notes	-

IHC-P

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Recombinant fragment, Recombinant full length protein - Mouse
Dilution info	-
Notes	-

ICC/IF

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Recombinant fragment, Recombinant full length protein - Mouse
Dilution info	-
Notes	-

Target data

See full target information Ighg

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

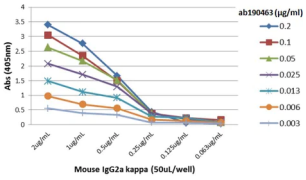
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In the unlikely event of one of our products not working as expected, you are covered by our product promise.

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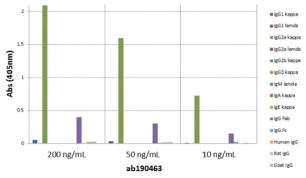
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3 product images



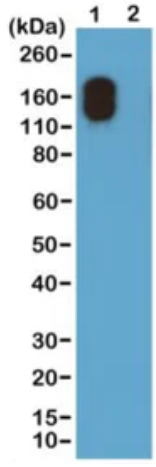
ELISA - Anti-Mouse IgG2a antibody [RM107] (ab190463)

ELISA analysis of mouse IgG2a using ab190463 at different concentrations. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



ELISA - Anti-Mouse IgG2a antibody [RM107] (ab190463)

ELISA analysis of mouse immunoglobulins labeling the Fab region of mouse IgG2a using ab190463 at 200 ng/ml, 50 ng/ml, or 10 ng/ml. The plate was coated with 50 ng/well of different immunoglobulins. No cross reactivity with IgG2aλ, IgG1, IgG3, IgM, IgA, IgE, Human IgG, rat IgG, or goat IgG was detected. An alkaline phosphatase conjugated anti-rabbit IgG as the secondary antibody.



Western blot - Anti-Mouse IgG2a antibody [RM107] (ab190463)

All lanes:
Western blot - Anti-Mouse IgG2a antibody [RM107] (ab190463) at 0.2 µg/mL

Lane 1:
Mouse IgG2a kappa (non-reducing conditions) at 0.02 µg

Lane 2:
Mouse IgG2a kappa (reducing conditions) at 0.02 µg

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.