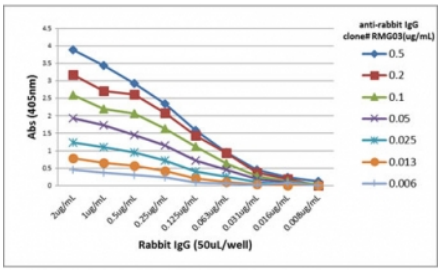
Rabbit IgG Antibody for ELISA / Anti-Rabbit IgG Detection Antibody [clone RMG03] (R20478)

Catalog No.	Formulation	Size
R20478-100UG	1 mg/ml in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ug

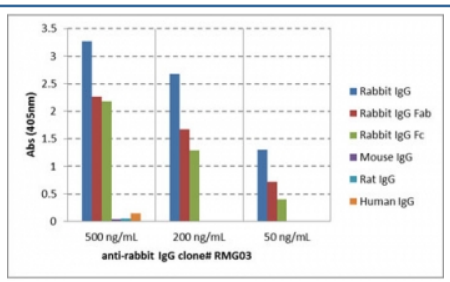
Recombinant GOAT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Rabbit
Format	Purified
Host	Goat
Clonality	Recombinant Goat Monoclonal
Isotype	Goat IgG
Clone Name	RMG03
Purity	Protein A purified from animal origin-free supernatant
Applications	ELISA: 0.01ug/ml-0.5ug/ml Western blot: 0.1ug/ml-0.5ug/ml
Limitations	This Rabbit IgG Antibody for ELISA / Anti-Rabbit IgG Detection Antibody is available for research use only.



Rabbit IgG Antibody for ELISA Titer. The plate was coated with different amounts of rabbit IgG. A serial dilution of the recombinant Rabbit IgG antibody was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.



Rabbit IgG Antibody for ELISA Specificity Assay. ELISA of IgGs from different species shows recombinant Rabbit IgG antibody reacts to rabbit IgG; no cross reactivity with human IgG, rat IgG, or mouse IgG. The plate was coated with 50 ng/well of different IgG. 500 ng/mL, 200 ng/mL, or 50 ng/mL of RMG03 was used as the primary antibody. An alkaline phosphatase conjugated anti-goat IgG as the secondary antibody.

Description

Rabbit immunoglobulin G (IgG) is the predominant antibody class in rabbit serum and plays a central role in systemic immune responses, including antigen recognition, neutralization, and long-term immune protection. Because rabbits are widely used for antibody production, rabbit IgG is commonly encountered in research workflows, particularly in ELISA assays and antibody-based detection systems. Accurate detection of rabbit IgG is therefore essential for assay development, antibody validation, and quantitative immunoassays.

Rabbit IgG Antibody for ELISA / Anti-Rabbit IgG Detection Antibody is specifically optimized for sensitive and selective detection of rabbit IgG in ELISA-based applications. Rabbit IgG antibody, also referred to as anti-rabbit IgG antibody or rabbit immunoglobulin G antibody, enables accurate quantification of rabbit-derived antibodies in serum, purified samples, and experimental assay systems. This recombinant goat monoclonal antibody clone RMG03 recognizes rabbit IgG and provides a reliable tool for detecting rabbit antibodies across a range of ELISA formats.

In ELISA workflows, anti-rabbit IgG antibodies are frequently used for detection of rabbit primary antibodies in indirect ELISA assays, measurement of antibody titers, and assay normalization. The Rabbit IgG Antibody for ELISA / Anti-Rabbit IgG Detection Antibody supports consistent signal generation in these configurations, enabling reliable detection of rabbit IgG in both simple and complex biological matrices. This is particularly important in experimental systems where rabbit antibodies are used as primary reagents and require accurate downstream detection.

Clone RMG03 antibody recognizes rabbit IgG while maintaining specificity against non-target immunoglobulins, supporting selective detection in multi-species or mixed-sample environments. The goat monoclonal format provides strong binding stability, reduced variability, and reproducible performance across ELISA assays. This format is especially advantageous in detection workflows, where consistent signal and minimal background are required for accurate quantification.

Detection of rabbit IgG is widely applied in immunology research, antibody development, and assay validation. Because rabbit-derived antibodies are commonly used in ELISA, western blot, and immunoassay systems, reliable detection of rabbit IgG is essential for evaluating antibody performance, optimizing assay conditions, and ensuring reproducibility. This antibody supports these applications by enabling sensitive and specific detection of rabbit immunoglobulin G in ELISA-based systems requiring high performance and consistency.

This antibody is part of a broader immunoglobulin detection antibody collection, including reagents for Ig classes and light chains across multiple species and immunoassay formats.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Rabbit IgG Antibody for ELISA / Anti-Rabbit IgG Detection Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Rabbit IgG was used as the immunogen for the Rabbit IgG antibody.

Storage

Store the recombinant Rabbit IgG antibody at -20oC.

Alternate Names

Anti-rabbit IgG ELISA antibody, Rabbit immunoglobulin G antibody, Rabbit IgG detection antibody, Goat anti-rabbit IgG antibody, Rabbit IgG immunoglobulin antibody

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