HRP-conjugated Rabbit anti-Goat IgG Fc mAb

Catalog No.: AS096

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Basic Information

Observed MW

Calculated MW

Category
Secondary Antibodies

Applications
WB, ELISA

Cross Reactivity
Goat

Clone No.
ARC56943-HRP

Background

Recommended Dilutions

WB 1:500-1:64000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss-Prot**

Immunogen
This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

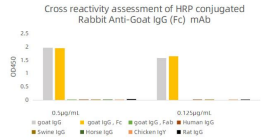
Source
Rabbit

Isotype
IgG

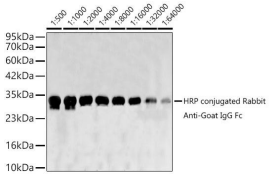
Purity
Affinity purification

Storage
Store at -20℃

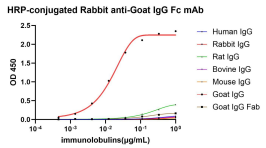
Validation Data



Cross reactivity to various IgGs of HRP conjugated Rabbit Anti-Goat IgG Fc mAb was examined ELISA. 1 μg/mL of various immunoglobulins were coated to 384-well plate. Then the plate was blocked and incubated with 25 μL of HRP conjugated Rabbit Anti-Goat IgG Fc mAb , 0.5 μg/mL and 0.125 μg/mL) at room temperature for 1 hour. The ELISA result demonstrated that Rabbit anti-goat Fc antibody has highly specific recognition of goat IgG (H+L) and Fc fragments, while no or minimal cross reactivity to goat IgG Fab, Human IgG, Swine IgG, Horse IgG, Chicken IgY, and Rat IgG.



Western blot analysis of recombinant goat IgG Fc Protein using HRP-conjugated Rabbit anti-Goat IgG Fc mAb(AS096) at 1:500-1:64000 dilution. Blot was incubated with HRP conjugated antibody in the Blocking buffer (3% nonfat dry milk in TBST) at room temperature for 1 hour before detection using Enhanced chemiluminescence.
Lysates/proteins: Lane 1: molecular weight marker; Lanes 2-9: 100ng goat IgG Fc recombinant Protein per lane.
Detection: ECL Basic Kit (RM00020).
Exposure time: 15s.



Dose response curve of HRP-conjugated Rabbit anti-Goat IgG Fc mAb measured by ELISA. 1 μg/mL of various immunoglobulins were coated to 384-well plate. The coated plate was blocked and subsequently incubated with 25 μL of HRP conjugated in a 3 fold serial dilution from 1 μg/mL to 4.5*10^-4 μg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that HRP-conjugated Rabbit anti-Goat IgG Fc mAb has highly specific recognition of Goat IgG while no or minimal cross reactivity to Human IgG, Mouse IgG, Rat IgG, Bovine IgG, Rabbit IgG, Goat IgG Fab.