

HRP-conjugated Rabbit anti Human IgG(YTE mutation) Fc mAb [6C1]

Catalog No.: AS195

Basic Information

Observed MW

Calculated MW

36kDa/35kDa/41kDa/36kDa

Category

Secondary antibody

Applications

ELISA

Cross-Reactivity

Human

CloneNo number

6C1

Conjugate

HRP

Background

Related studies have shown that M252Y/S254T/T256E (YTE) mutations in the Fc region of IgG antibodies can prolong the half-life of therapeutic antibodies, optimize the pharmacokinetic characteristics, and reduce the frequency of administration. We developed Rabbit Anti-human IgG-FC (YTE mutation) Specific Monoclonal Antibody that effectively captures and stably binds to IgG Fc segment YTE mutants. The YTE mutant for therapeutic IgG has important application value in pharmacodynamic/pharmacokinetic studies and detection technology.

Recommended Dilutions

ELISA

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

Immunogen Information

Gene ID

3500/ 3501/ 3502/ 3503

Swiss Prot

P01857/P01859/P01860/P01861

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Contact

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✉ | cn.market@abclonal.com.cn

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Product Information

Source

Rabbit

Isotype

IgG

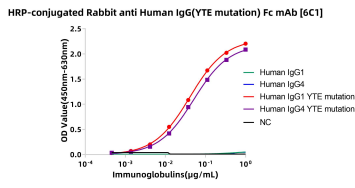
Purification

Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Proclin300,0.2% BSA,pH7.3



Dose response curve of HRP conjugated Rabbit anti-human IgG FC (YTE mutation) mAb measured by ELISA. 1 µg/mL of various immunoglobulins were coated to 384-well plate, blank wells without protein were used as negative control (NC). The coated plate was blocked and subsequently incubated with 25 µL of HRP conjugated Rabbit anti-human IgG FC (YTE mutation) mAb in a 2 fold serial dilution from 2 µg/mL to 1.22*10⁻⁴ pg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that Rabbit anti-human IgG FC (YTE mutation) mAb has highly specific recognition of Human IgG1 YTE mutation□Human IgG4 YTE mutation, while no or minimal cross reactivity to Human IgG1□ Human IgG4.