

# 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  $\mu$ g/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

	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>
	<a href="http://www.abclonal.com.cn">www.abclonal.com.cn</a>

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

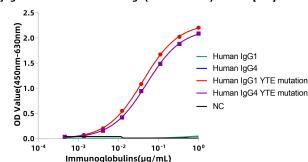
### Storage

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Proclin300,0.2% BSA,pH7.3

## Validation Data

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Dose response curve of HRP conjugated Rabbit anti-human IgG FC (YTE mutation) mAb measured by ELISA. 1  $\mu$ g/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  $\mu$ L of HRP conjugated Rabbit anti-human IgG FC (YTE mutation) mAb in a 2 fold serial dilution from 2  $\mu$ g/mL to  $1.22 \times 10^{-4}$  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.