

# Human IgG1 (Fc) Rabbit mAb

Catalog No.: A21233 **Recombinant**

## Basic Information

### Observed MW

50kDa

### Calculated MW

44kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P, IF/ICC

### Cross-Reactivity

Human

### CloneNo number

ARC53385

## Background

Predicted to enable antigen binding activity and immunoglobulin receptor binding activity. Predicted to be involved in several processes, including activation of immune response; defense response to other organism; and phagocytosis. Predicted to act upstream of or within several processes, including immunoglobulin mediated immune response; positive regulation of hypersensitivity; and positive regulation of phagocytosis. Located in extracellular space.

## Recommended Dilutions

<b>WB</b>	1:2000 - 1:4000
<b>IHC-P</b>	1:2000 - 1:6000
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

3500

### Swiss Prot

P01857, P01859, P01860, P01861

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-330 of human IgG1 (Fc) (P01857).

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

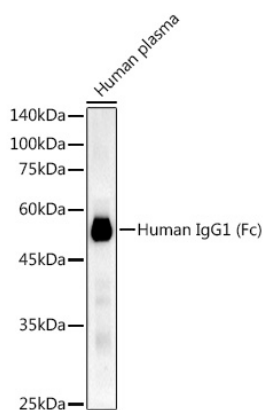
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from human plasma, using Human IgG1 (Fc) Rabbit mAb (A21233) at 1:4000 dilution.

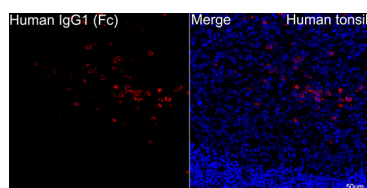
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

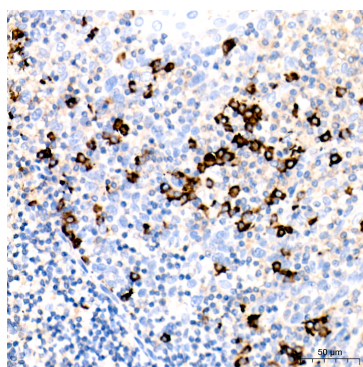
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Confocal imaging of human tonsil using Human IgG1 (Fc) Rabbit mAb (A21233, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



Immunohistochemistry analysis of Human IgG1 (Fc) in paraffin-embedded human tonsil using Human IgG1 (Fc) Rabbit mAb (A21233) at dilution of 1:5000 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.