

# GPA33 Rabbit pAb

Catalog No.: A15127

## Basic Information

### Observed MW

45kDa

### Calculated MW

36kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

The glycoprotein encoded by this gene is a cell surface antigen that is expressed in greater than 95% of human colon cancers. The open reading frame encodes a 319-amino acid polypeptide having a putative secretory signal sequence and 3 potential glycosylation sites. The predicted mature protein has a 213-amino acid extracellular region, a single transmembrane domain, and a 62-amino acid intracellular tail. The sequence of the extracellular region contains 2 domains characteristic of the CD2 subgroup of the immunoglobulin (Ig) superfamily.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

10223

### Swiss Prot

Q99795

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-235 of human GPA33 (NP\_005805.1).

### Synonyms

A33; GPA33

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

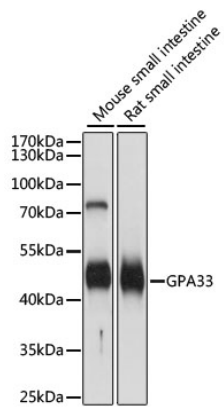
### Storage

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

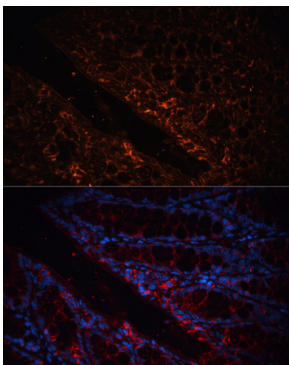
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using GPA33 Rabbit pAb (A15127) at 1:1000 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: 1s.



Immunofluorescence analysis of paraffin-embedded mouse colon using GPA33 Rabbit pAb (A15127) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.