

GPA33 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8888B**Specification**

GPA33 Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	Q99795
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	35632
Antigen Region	264-293

GPA33 Antibody (C-term) - Additional Information**Gene ID** 10223**Other Names**

Cell surface A33 antigen, Glycoprotein A33, GPA33

Target/Specificity

This GPA33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-293 amino acids from the C-terminal region of human GPA33.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GPA33 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GPA33 Antibody (C-term) - Protein Information**Name** GPA33**Function** May play a role in cell-cell recognition and signaling.

Cellular Location

Membrane; Single-pass type I membrane protein.

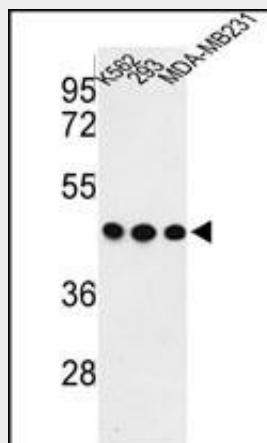
Tissue Location

Expressed in normal gastrointestinal epithelium and in 95% of colon cancers

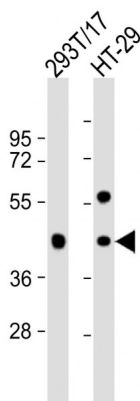
GPA33 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

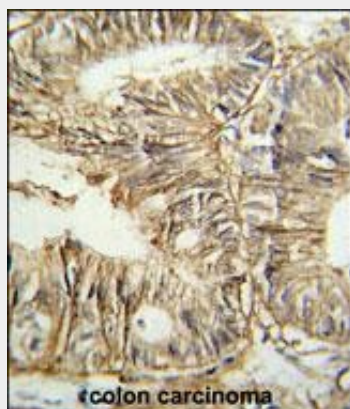
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GPA33 Antibody (C-term) - Images

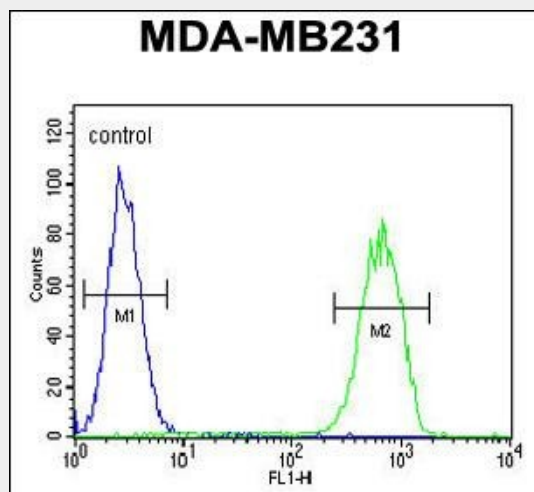
Western blot analysis of GPA33 Antibody (C-term) (Cat. #AP8888b) in K562, 293, MDA-MB231 cell line lysates (35ug/lane). GPA33 (arrow) was detected using the purified Pab.



All lanes : Anti-GPA33 Antibody (C-term) at 1:1000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: HT-29 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



GPA33 Antibody (C-term) (Cat. #AP8888b) IHC analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GPA33 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



GPA33 Antibody (C-term) (Cat. #AP8888b) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

GPA33 Antibody (C-term) - Background

GPA33 is a cell surface antigen that is expressed in greater than 95% of human colon cancers. It may play a role in cell-cell recognition and signaling.

GPA33 Antibody (C-term) - References

Moritz, R.L., et.al., J Chromatogr A 798 (1-2), 91-101 (1998)