

Rabbit anti-Human GPA33 Polyclonal Antibody | anti-GPA33 antibody

GPA33 Antibody (C-term)

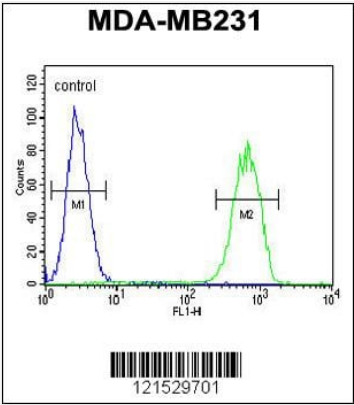
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285089	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

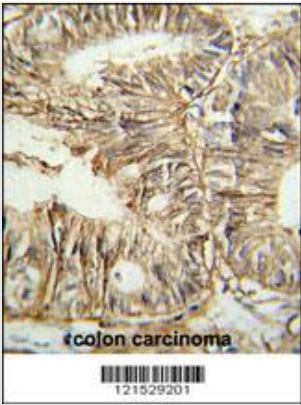
GPA33; Polyclonal Antibody; GPA33 Antibody (C-term); Cell surface A33 antigen; Glycoprotein A33; anti-GPA33 antibody

PRODUCT SPECIFICATIONS

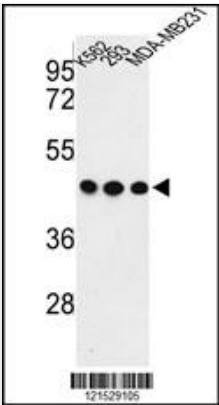
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPA33 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 264-293 amino acids from the C-terminal region of human GPA33.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	264-293
Sequence Length	319
Applicable Applications for anti-GPA33 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
GPA33 Antibody (C-term) 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.



IHC (Immunohistochemistry)
GPA33 Antibody (C-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-GPA33 antibody	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.
Product Categories/Family for anti-GPA33 antibody	Cancer
References	Moritz,R.L., et.al., J Chromatogr A 798 (1-2), 91-101 (1998)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031561
NCBI GeneID	10223
NCBI Accession #	NP_005805.1
NCBI GenBank Nucleotide #	NM_005814.2
UniProt Accession #	Q99795; Q5VZP6
Molecular Weight	35632
NCBI Official Full Name	cell surface A33 antigen

NCBI Official Synonym Full Names	glycoprotein A33 (transmembrane)
NCBI Official Symbol	GPA33
NCBI Official Synonym Symbols	A33
NCBI Protein Information	cell surface A33 antigen
UniProt Protein Name	Cell surface A33 antigen
UniProt Gene Name	GPA33
UniProt Entry Name	GPA33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpa33-antibody-immunohistochemistry-western-blot-flow-cytometry-elisa/285089>