

## Product datasheet for **UM870175**

### GPA33 Mouse Monoclonal Antibody [Clone ID: UMAB285]

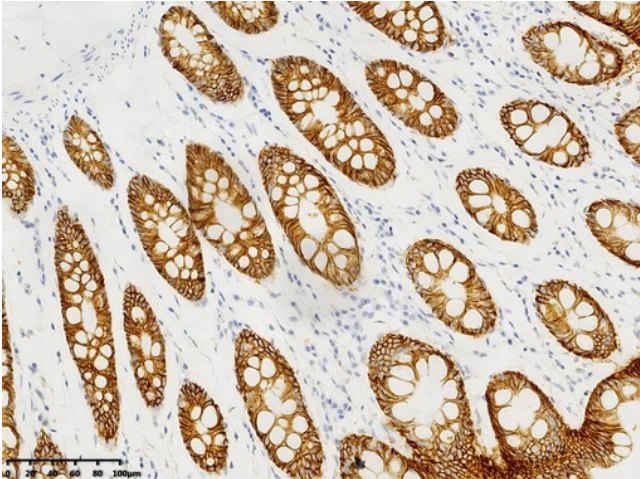
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	UMAB285
Applications:	IHC, WB
Recommended Dilution:	WB 1:1000, IHC 1:4000
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human GPA33 (NP_005805) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	35.6 kDa
Gene Name:	glycoprotein A33
Database Link:	<a href="#">NP_005805</a> <a href="#">Entrez Gene 10223 Human</a> <a href="#">Q99795</a>
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. [provided by RefSeq, Jul 2008].
Synonyms:	A33
Protein Families:	Druggable Genome, Transmembrane

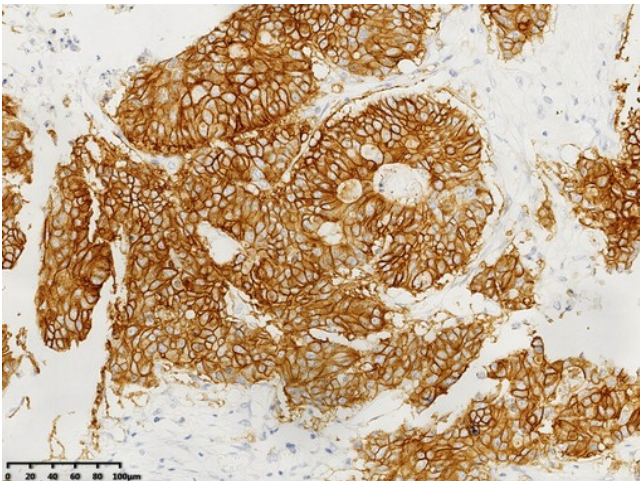


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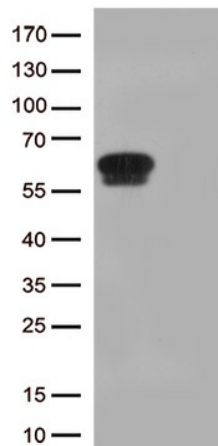
**Product images:**



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-GPA33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [UM800175]) (1:4000)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-GPA33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 3 min, [UM800175]) (1:4000)



HEK293T cells were transfected with the pCMV6-ENTRY control (Right lane) or pCMV6-ENTRY GPA33 (Cat# [RC210225], Left lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GPA33. (1:1000)