

Anterior Gradient 2 Rabbit mAb

Catalog No: #52066

Package Size: #52066-1 50ul #52066-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

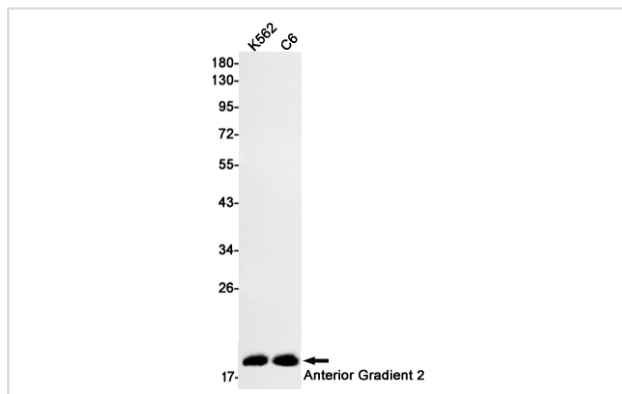
Description

Product Name	Anterior Gradient 2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-1H6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB IHC IF
Species Reactivity	Human, Rat
Immunogen Description	A synthetic peptide of human Anterior Gradient 2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Anterior gradient protein 2 homolog; AG-2; hAG-2; HPC8; Secreted cement gland protein XAG-2 homolog; AGR2; AG2; GOB4; XAG2;
Accession No.	Swiss-Prot:O95994GeneID:10551
Uniprot	O95994
GeneID	10551
Calculated MW	Calculated MW: 20 kDa; Observed MW: 18 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

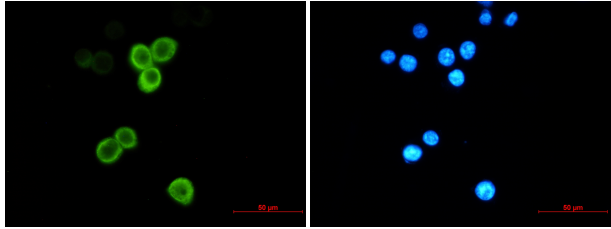
Application Details

WB: 1/2000; IHC: 1/50; ICC/IF: 1/50;

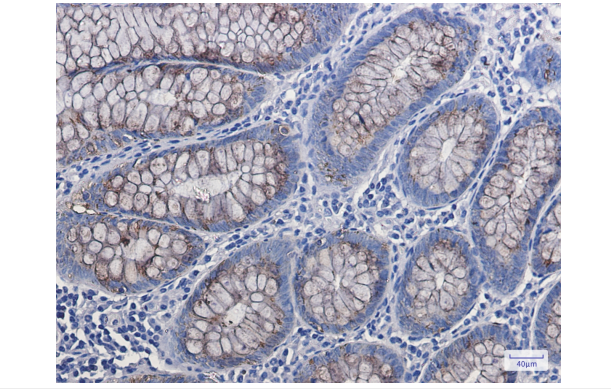
Images



Western blot detection of Anterior Gradient 2 in K562,C6 cell lysates using Anterior Gradient 2 Rabbit mAb(1:1000 diluted).Predicted band size:20kDa.Observed band size:18kDa.



Immunofluorescence of Anterior Gradient 2 (green) in MCF-7 using Anterior Gradient 2 antibody at dilution 1/2, and DAPI(blue)



Immunohistochemistry of Anterior Gradient 2 in paraffin-embedded colon using Anterior Gradient 2 Rabbit mAb at dilution 1/100

Background

Swiss-Prot Acc.O95994. Required for MUC2 post-transcriptional synthesis and secretion. May play a role in the production of mucus by intestinal cells (By similarity).

Proto-oncogene that may play a role in cell migration, cell differentiation and cell growth. Promotes cell adhesion (PubMed:23274113).

Note: This product is for in vitro research use only