

Mouse anti-Human GCTM-2 Monoclonal Antibody | anti-GCTM-2 antibody

Anti-GCTM-2 Antibody

CATALOG # AAA265915	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

GCTM-2; Monoclonal Antibody; Anti-GCTM-2 Antibody; anti-GCTM-2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Recognizes endogenous levels of GCTM-2 protein.
Form/Format	Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.
Applicable Applications for anti-GCTM-2 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GCTM-2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of GCTM-2 staining in SHSY5Y cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of GCTM-2 expression in A549 (A) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-GCTM-2 antibody	Mouse monoclonal antibody to GCTM-2
Product Categories/Family for anti-GCTM-2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	66277202
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NCBI GeneID	5420
NCBI Accession #	NP_001018121.1
NCBI GenBank Nucleotide #	NM_001018111.2
UniProt Accession #	O00592; Q52LZ7; Q53ER6; A6NHX8
Molecular Weight	58,635 Da
NCBI Official Full Name	podocalyxin isoform 1
NCBI Official Synonym Full Names	podocalyxin-like
NCBI Official Symbol	PODXL
NCBI Official Synonym Symbols	PC; PCLP; Gp200; PCLP-1
NCBI Protein Information	podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1
UniProt Protein Name	Podocalyxin
UniProt Gene Name	PODXL
UniProt Synonym Gene Names	PCLP; PCLP1; PC; PCLP-1
UniProt Entry Name	PODXL_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/monoclonal/gctm-2-antibody-immunochemistry-immunofluorescence-western-blot-elisa/265915>