

Mouse CDCP1 Monoclonal Antibody | anti-CDCP1 antibody

CDCP1 antibody

CATALOG # AAA74739	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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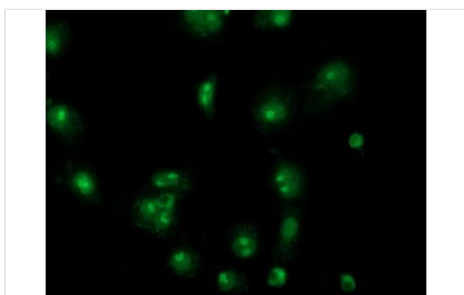
PRODUCT SYNONYMS

CDCP1; Monoclonal Antibody; CDCP1 antibody; Monoclonal CDCP1; Anti-CDCP1; CD318; Cluster of differentiation 318; Trask; Transmembrane associated with src kinases; CDCP 1; CDCP-1; anti-CDCP1 antibody

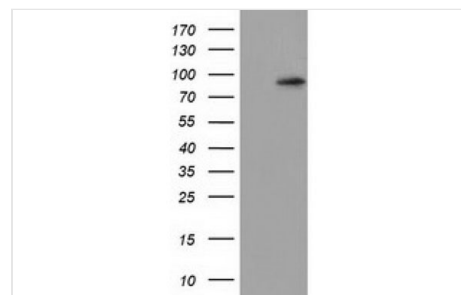
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4G5
Purity/Purification	CDCP1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	836
Applicable Applications for anti-CDCP1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	CDCP1 is a transmembrane protein containing three extracellular CUB domains. This protein is found to be overexpressed in colon and lung cancers. Its expression level is correlated with the metastatic ability of carcinoma cells. This protein is located on the cell surface. It has been shown to be tyrosine phosphorylated in a cancer cell line.
Cross-Reactivity	Human
Immunogen	CDCP1 antibody was raised in mouse using a full length recombinant protein of human CDCP1 (NP_073753) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant CDCP1 protein using CDCP1 antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CDCP1 protein (Right) or empty vector (Left) detected with CDCP1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CDCP1 antibody	Mouse monoclonal CDCP1 antibody
Product Categories/Family for anti-CDCP1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	30410805
NCBI GeneID	64866
NCBI Accession #	NP_073753
NCBI GenBank Nucleotide #	NM_022842.3
UniProt Accession #	Q9H5V8; Q49UB4; Q6NT71; Q6U9Y2; Q8WU91; Q96QU7; Q9H676; Q9H8C2
Molecular Weight	37,818 Da
NCBI Official Full Name	CUB domain-containing protein 1 isoform 1
NCBI Official Synonym Full Names	CUB domain containing protein 1
NCBI Official Symbol	CDCP1
NCBI Official Synonym Symbols	CD318; TRASK; SIMA135
NCBI Protein Information	CUB domain-containing protein 1
UniProt Protein Name	CUB domain-containing protein 1
UniProt Gene Name	CDCP1
UniProt Synonym Gene Names	TRASK; SIMA135
UniProt Entry Name	CDCP1_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/cdcp1-antibody-clone-4g5-western-blot-immunofluorescence-flow-cytometry-elisa/74739>