

Mouse OSGEP Monoclonal Antibody | anti-OSGEP antibody

OSGEP antibody

CATALOG # AAA106668	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

OSGEP; Monoclonal Antibody; OSGEP antibody; Monoclonal OSGEP; Anti-OSGEP; O-Sialoglycoprotein Endopeptidase; FLJ20411; GCPL1; KAE1; OSGEP1; PRSMG1; anti-OSGEP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	8B3
Purity/Purification	OSGEP 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	335
Applicable Applications for anti-OSGEP antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	O-sialoglycoprotein endopeptidases specifically cleave the polypeptide backbone of membrane glycoproteins that contain clusters of O-linked sialglycans.
Cross-Reactivity	Human
Immunogen	OSGEP antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 1-335 of human OSGEP (NP_060277) produced in E Coli 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



IHC (Immunohistochemistry)

Immunohistochemical analysis of OSGEP protein in paraffin embedded Adenocarcinoma of Human colon tissue using OSGEP antibody



WB (Western Blot)

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



IF (Immunofluorescence)

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

ADDITIONAL INFORMATION

Related Product Information for anti-OSGEP antibody	Mouse monoclonal OSGEP antibody
Product Categories/Family for anti-OSGEP antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	8923380
NCBI GeneID	55644
NCBI Accession #	NP_060277
NCBI GenBank Nucleotide #	NM_017807.3
UniProt Accession #	Q9NPF4 ; Q6IAC3
Molecular Weight	36,427 Da
NCBI Official Full Name	probable tRNA N6-adenosine threonylcarbamoyltransferase
NCBI Official Synonym Full Names	O-sialoglycoprotein endopeptidase
NCBI Official Symbol	OSGEP
NCBI Official Synonym Symbols	KAE1; GCPL1; OSGEP1; PRSMG1
NCBI Protein Information	probable tRNA N6-adenosine threonylcarbamoyltransferase
UniProt Protein Name	Probable tRNA N6-adenosine threonylcarbamoyltransferase
UniProt Gene Name	OSGEP
UniProt Synonym Gene Names	t(6)A synthase; hOSGEP
UniProt Entry Name	OSGEP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/osgep-antibody-clone-8b3-western-blot-immunohistochemistry-immunofluorescence-elisa/106668>