

Product datasheet for **CF503001**

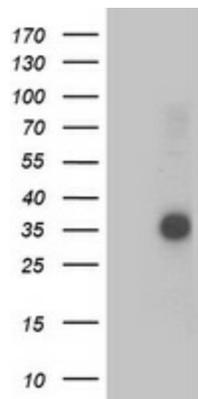
OSGEP Mouse Monoclonal Antibody [Clone ID: OTI8B3]

Product data:

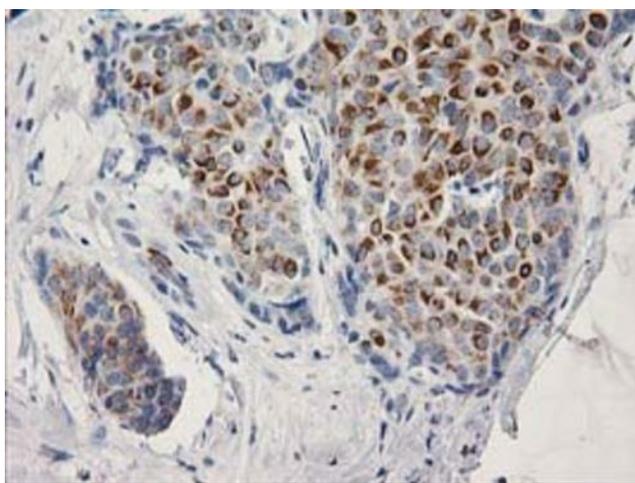
Product Type:	Primary Antibodies
Clone Name:	OTI8B3
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-335 of human OSGEP (NP_060277) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36.2 kDa
Gene Name:	O-sialoglycoprotein endopeptidase
Database Link:	NP_060277 Entrez Gene 66246 Mouse Entrez Gene 290028 Rat Entrez Gene 55644 Human Q9NPF4
Synonyms:	GCPL1; KAE1; OSGEP1; PRSMG1
Protein Families:	Druggable Genome, Protease



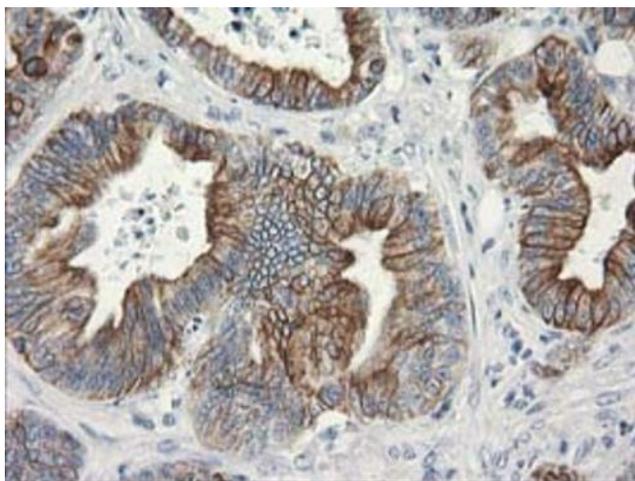
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Product images:

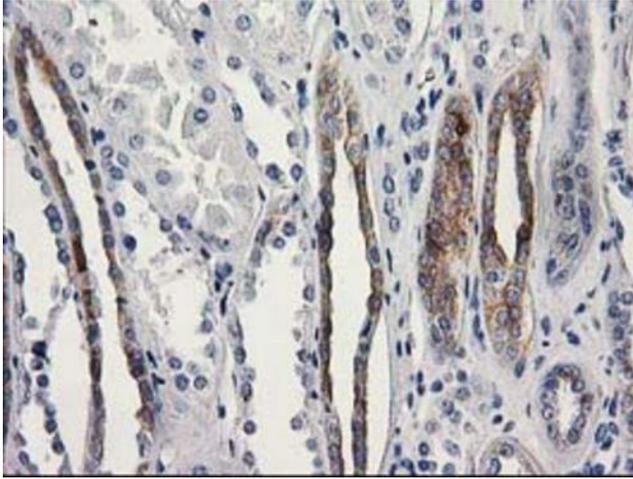
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY OSGEP ([RC207089], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-OSGEP. Positive lysates [LY402616] (100ug) and [LC402616] (20ug) can be purchased separately from OriGene.



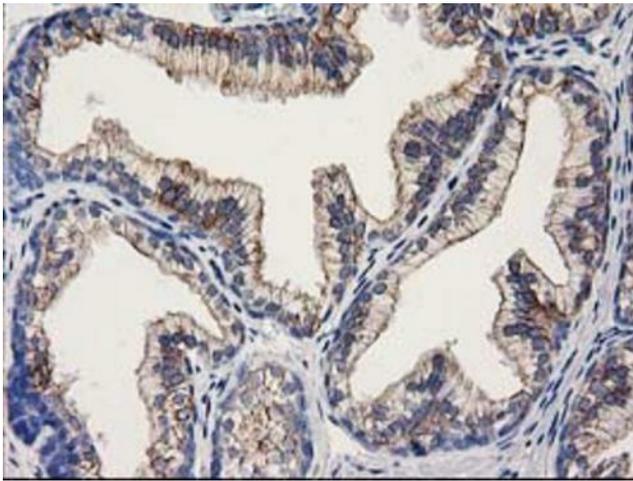
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



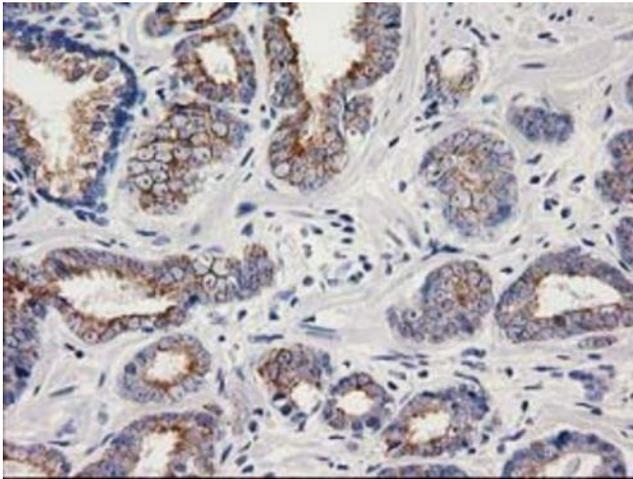
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



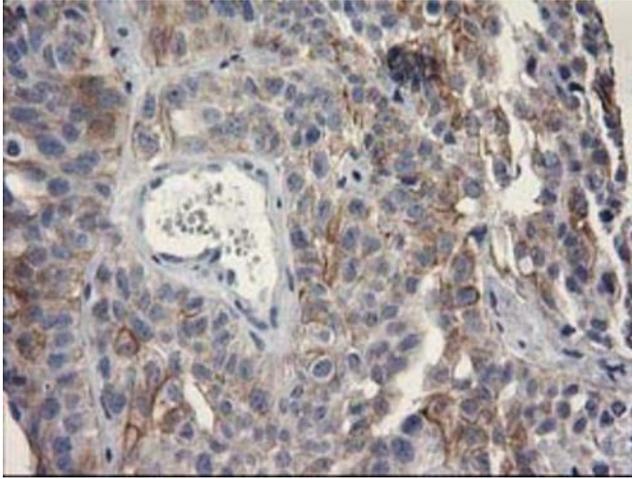
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



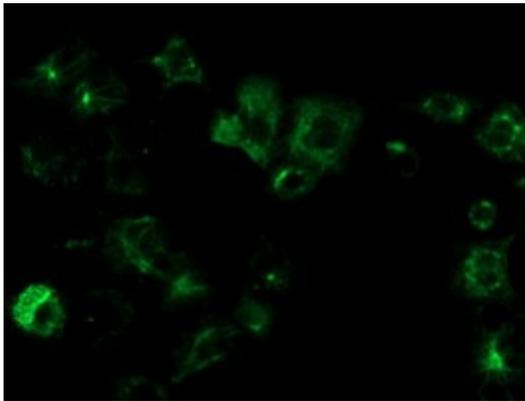
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



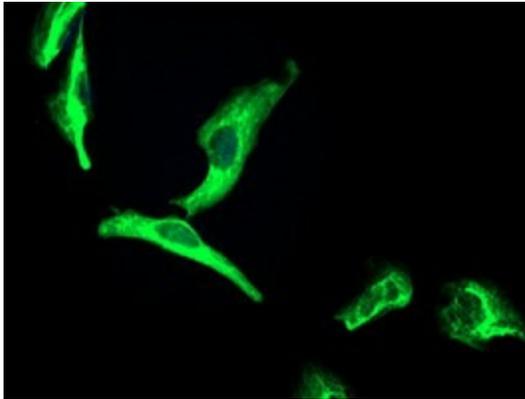
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-OSGEP mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-OSGEP mouse monoclonal antibody ([TA503001]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY OSGEP ([RC207089]).



Immunofluorescent staining of HeLa cells using anti-OSGEP mouse monoclonal antibody ([TA503001]).