

Product datasheet for TA801137

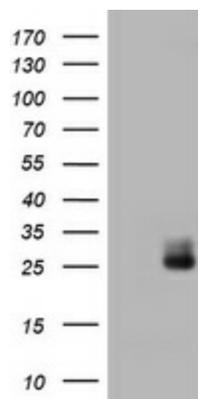
HE4 (WFDC2) Mouse Monoclonal Antibody [Clone ID: OTI1B9]

Product data:

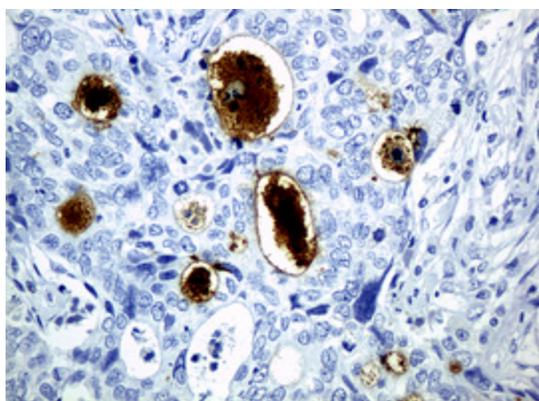
Product Type:	Primary Antibodies
Clone Name:	OTI1B9
Applications:	IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 31-124 of human WFDC2 (NP_006094) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	10 kDa
Gene Name:	WAP four-disulfide core domain 2
Database Link:	NP_006094 Entrez Gene 10406 Human
Background:	This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq, Jul 2008]
Synonyms:	dJ461P17.6; EDDM4; HE4; WAP5
Protein Families:	Secreted Protein, Transmembrane



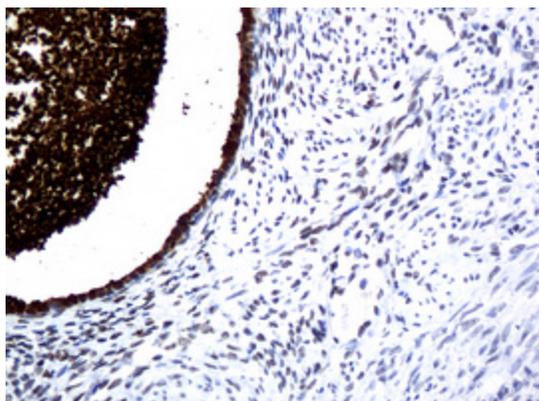
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Product images:

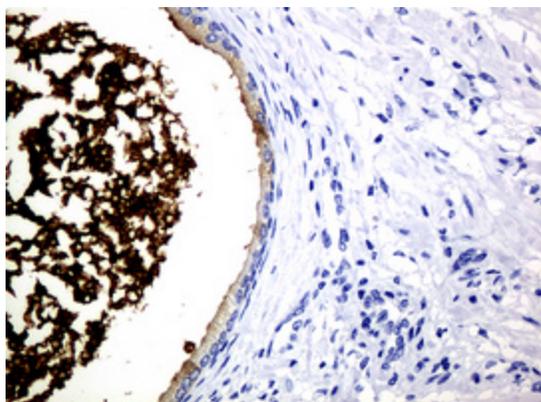
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY WFDC2 ([RC208491], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-WFDC2. Positive lysates [LY416866] (100ug) and [LC416866] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-WFDC2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA801137)



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-WFDC2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA801137)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-WFDC2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, TA801137)