

Product datasheet for **CF506867**

UPRT Mouse Monoclonal Antibody [Clone ID: OTI2D10]

Product data:

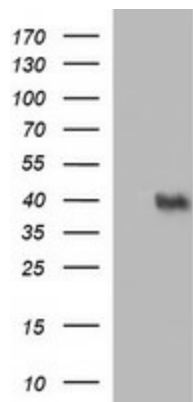
Product Type:	Primary Antibodies
Clone Name:	OTI2D10
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:4000, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human UPRT(NP_659489) produced in HEK293T cell.
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:	33.6 kDa
Gene Name:	uracil phosphoribosyltransferase homolog
Database Link:	NP_659489 Entrez Gene 139596 Human Q96BW1
Synonyms:	FUR1; UPP
Protein Families:	Druggable Genome



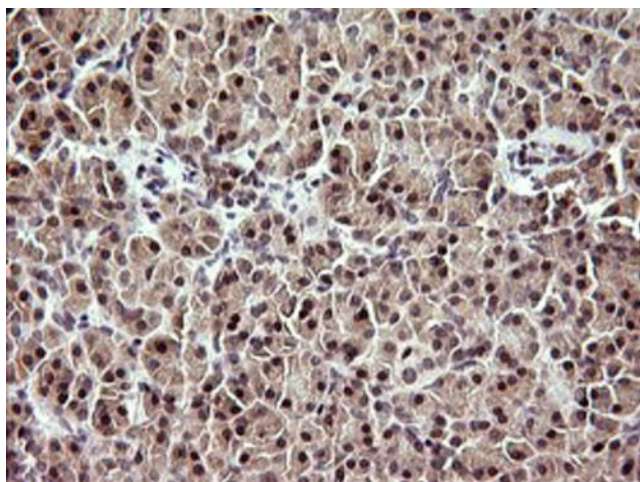
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Protein Pathways: Metabolic pathways, Pyrimidine metabolism

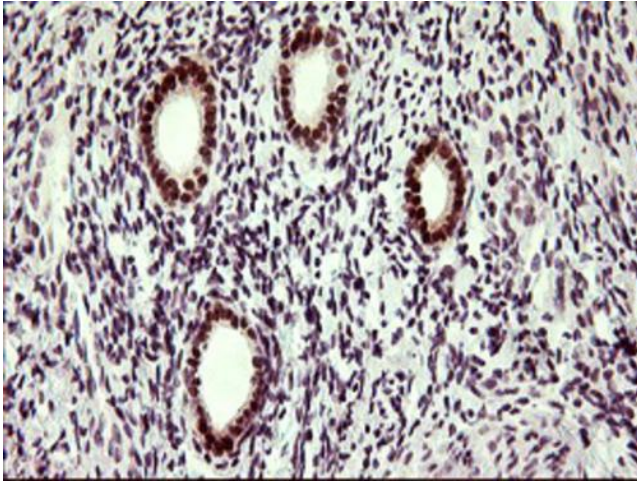
Product images:



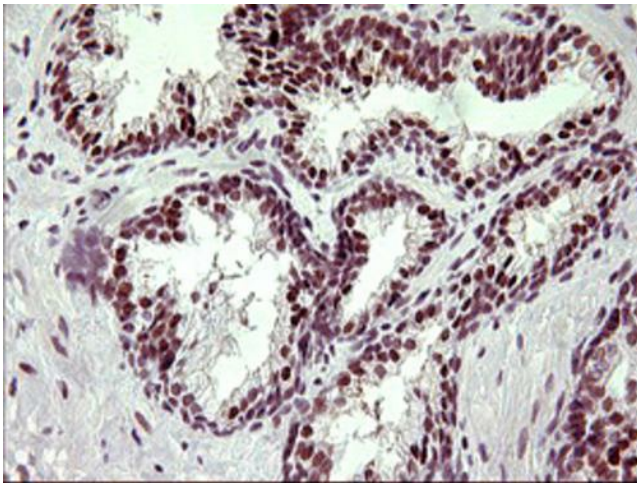
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY UPRT ([RC205030], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-UPRT. Positive lysates [LY408068] (100ug) and [LC408068] (20ug) can be purchased separately from OriGene.



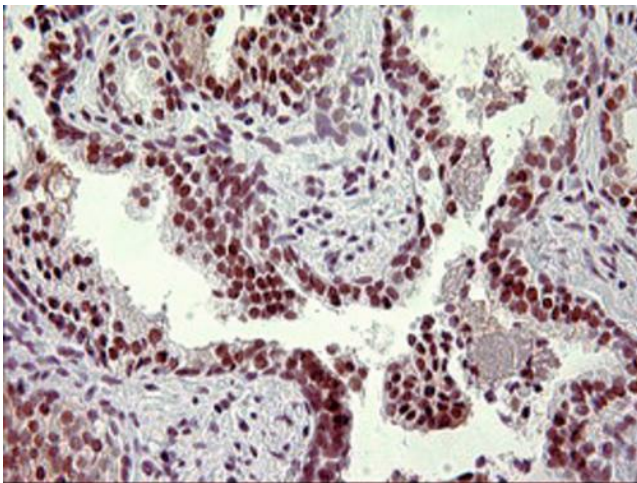
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-UPRT mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



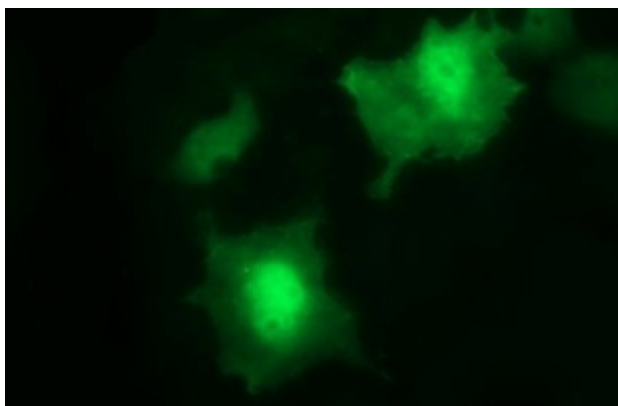
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-UPRT mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



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



Anti-UPRT mouse monoclonal antibody ([TA506867]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY UPRT ([RC205030]).