

Product datasheet for **CF502424**

Malignant T cell amplified sequence 1 (MCTS1) Mouse Monoclonal Antibody [Clone ID: OTI2F9]

Product data:

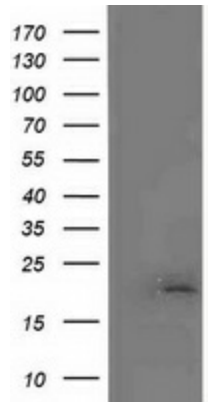
Product Type:	Primary Antibodies
Clone Name:	OTI2F9
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-181 of human MCTS1 (NP_054779) 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:	20.4 kDa
Gene Name:	MCTS1 re-initiation and release factor
Database Link:	NP_054779 Entrez Gene 68995 Mouse Entrez Gene 302500 Rat Entrez Gene 28985 Human Q9ULC4
Synonyms:	MCT-1; MCT1



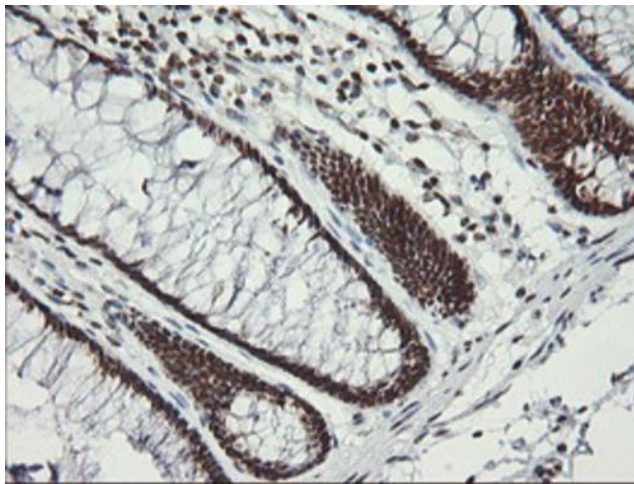
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Protein Families: Druggable Genome

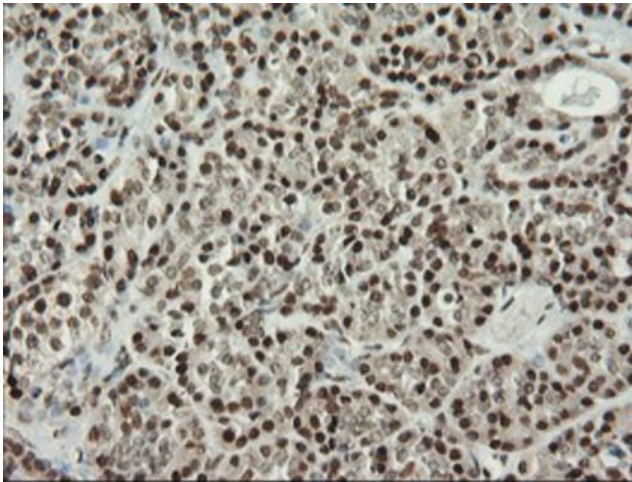
Product images:



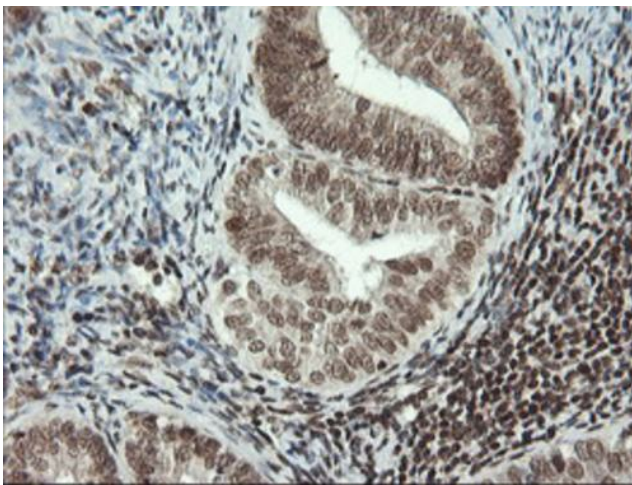
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY MCTS1 (Cat# [RC200224], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MCTS1 (Cat# [TA502424]). Positive lysates [LY415503] (100ug) and [LC415503] (20ug) can be purchased separately from OriGene.



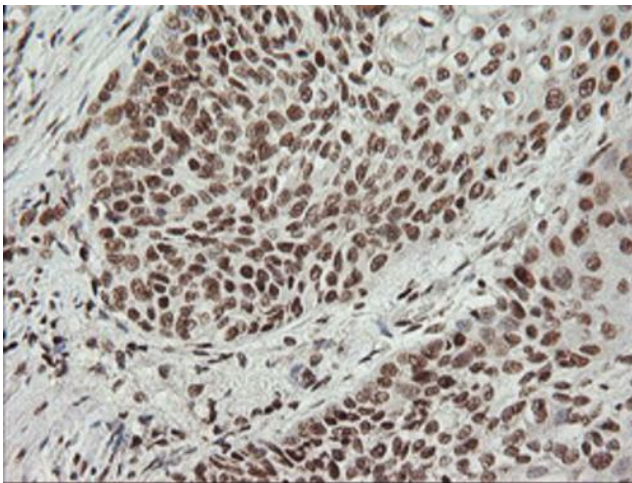
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])



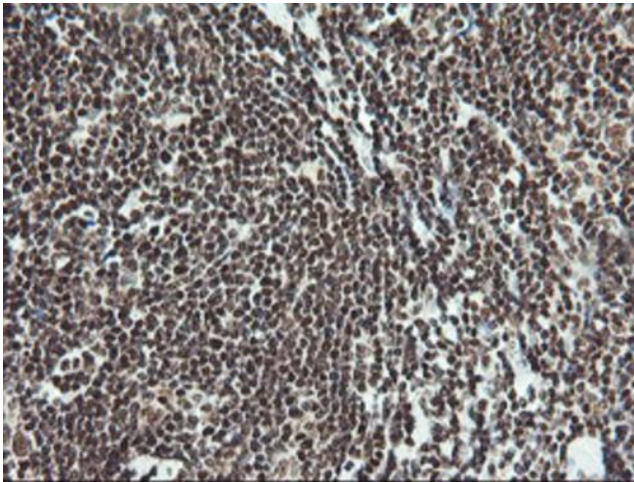
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])



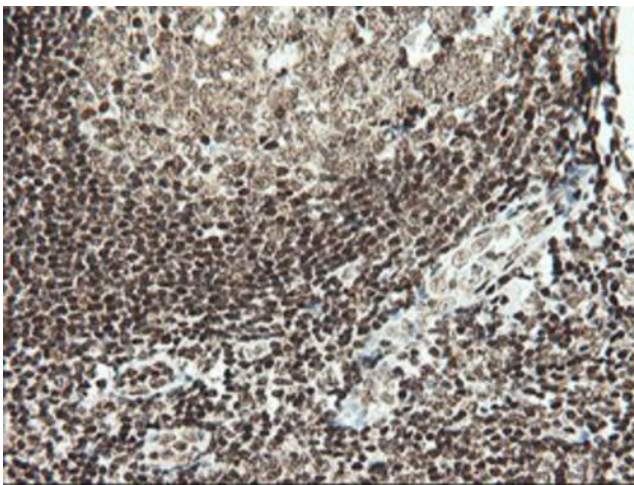
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-MCTS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA502424])