

Product datasheet for **CF805491**

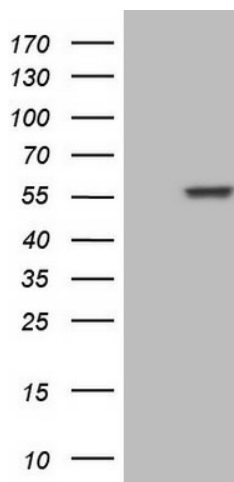
NFS1 Mouse Monoclonal Antibody [Clone ID: OTI2H5]

Product data:

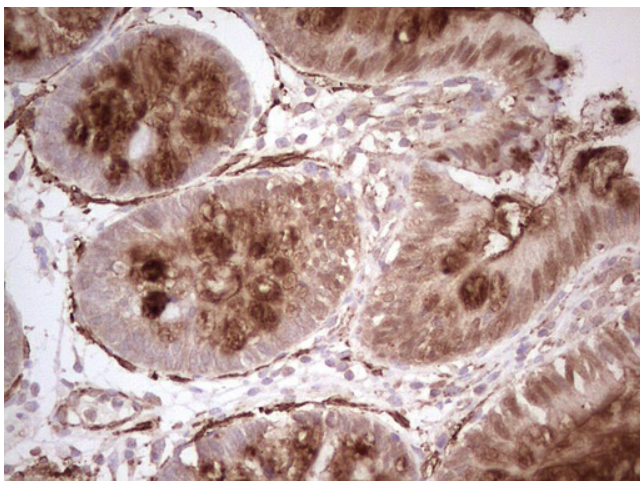
Product Type:	Primary Antibodies
Clone Name:	OTI2H5
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-299 of human NFS1(NP_066923) 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.
Gene Name:	NFS1 cysteine desulfurase
Database Link:	NP_066923 Entrez Gene 18041 Mouse Entrez Gene 84594 Rat Entrez Gene 9054 Human Q9Y697
Synonyms:	COXPD52; HUSSY-08; IscS; NIFS
Protein Pathways:	Thiamine metabolism



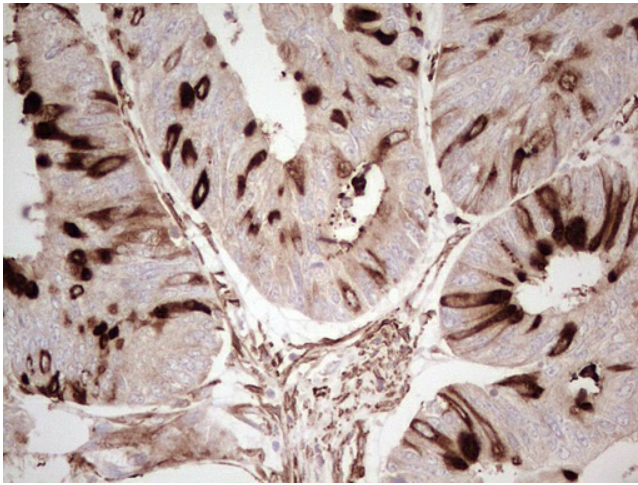
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Product images:

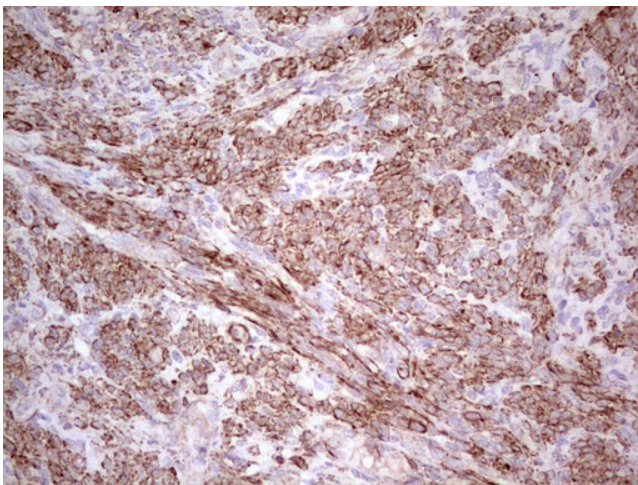
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NFS1 (Cat# [RC209405], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NFS1 (Cat# [TA805491]). Positive lysates [LY412089] (100ug) and [LC412089] (20ug) can be purchased separately from OriGene.



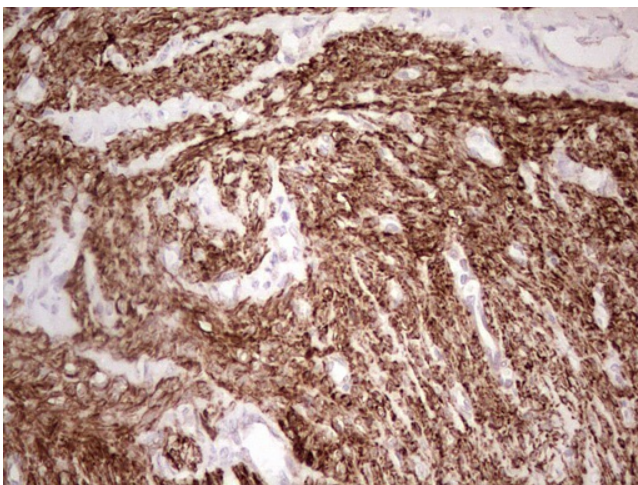
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-NFS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805491])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NFS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805491])



Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-NFS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805491])



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NFS1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA805491])