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Product datasheet for CF806501

NARS2 Mouse Monoclonal Antibody [Clone ID: OTI8D10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8D10
Applications:	IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:150
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NARS2 (NP_078954) 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:	53.9 kDa
Gene Name:	asparaginyl-tRNA synthetase 2, mitochondrial
Database Link:	NP_078954 Entrez Gene 79731 Human Q96I59
Synonyms:	asnRS; DFNB94; SLM5
Protein Pathways:	Aminoacyl-tRNA biosynthesis

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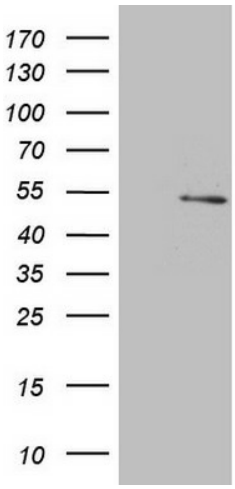
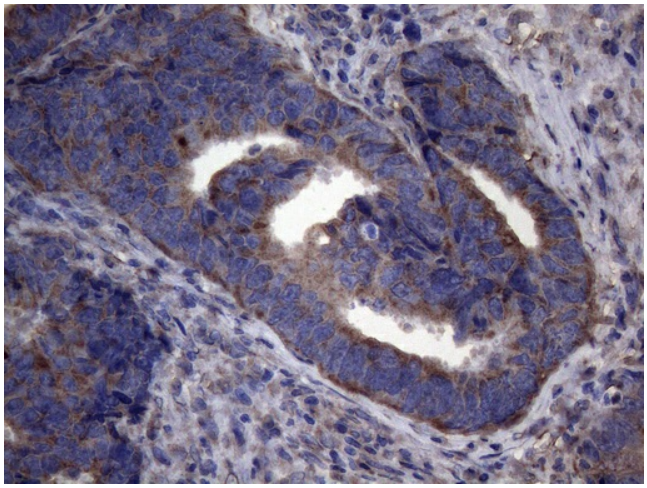
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NARS2 ([RC203201], 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-NARS2 (1:500). Positive lysates [LY411139] (100ug) and [LC411139] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NARS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA806501]) (1:150)

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