

## Product datasheet for **CF806502**

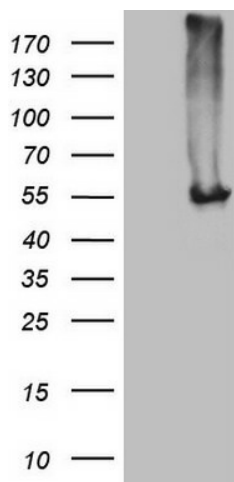
### **NARS2 Mouse Monoclonal Antibody [Clone ID: OT15A9]**

#### **Product data:**

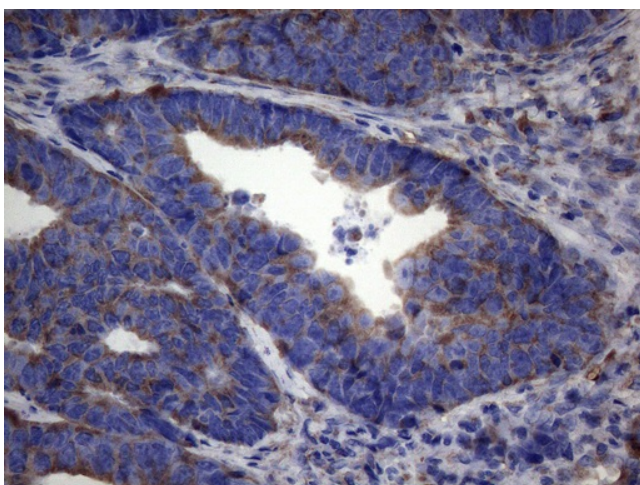
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OT15A9
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB 1:500, IHC 1:150
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NARS2 (NP_078954) produced in HEK293T cell.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	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)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	53.9 kDa
<b>Gene Name:</b>	asparaginyl-tRNA synthetase 2, mitochondrial
<b>Database Link:</b>	<a href="#">NP_078954</a> <a href="#">Entrez Gene 79731 Human</a> <a href="#">Q96I59</a>
<b>Synonyms:</b>	asnRS; DFNB94; SLM5
<b>Protein Pathways:</b>	Aminoacyl-tRNA biosynthesis



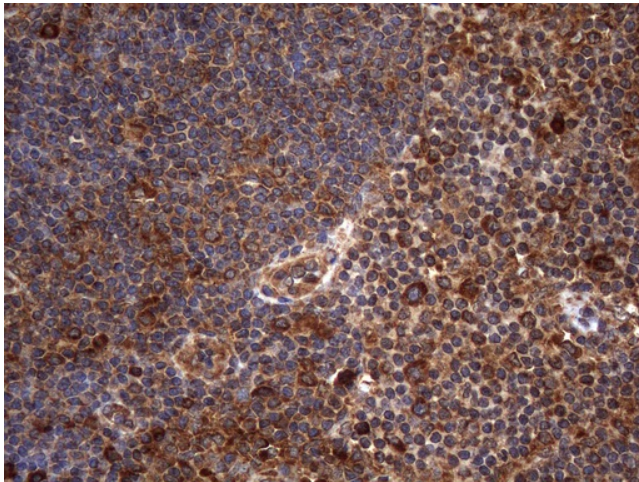
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**Product images:**

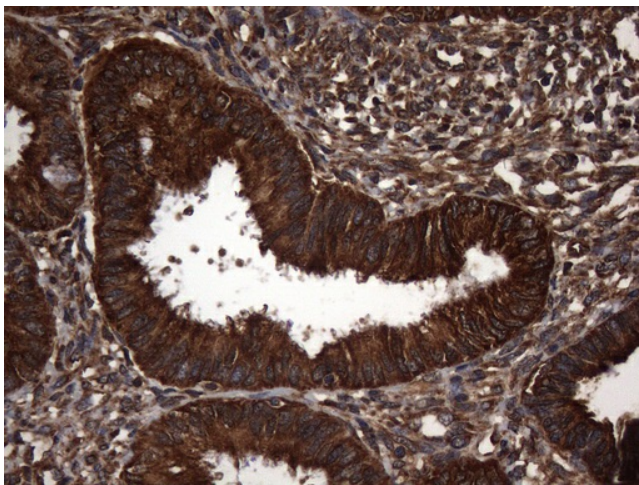
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NARS2 (Cat# [RC203201], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NARS2 (Cat# [TA806502])(1:500). Positive lysates [LY411139] (100ug) and [LC411139] (20ug) can be purchased separately from OriGene.



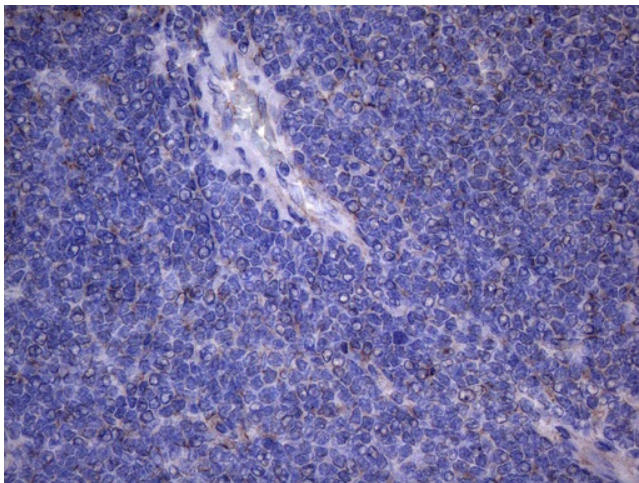
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NARS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA806502]) (1:150)



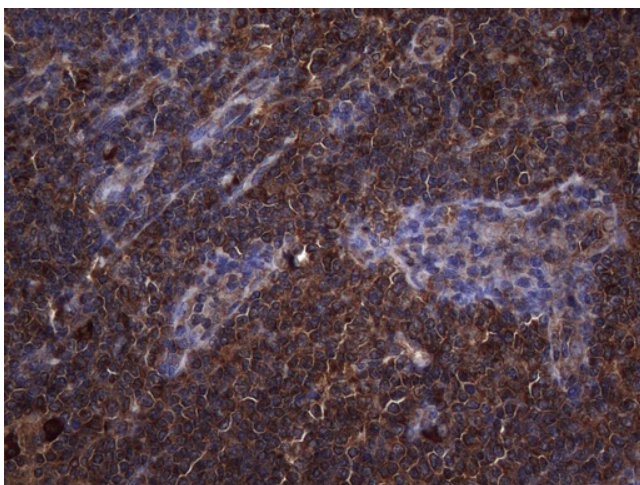
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-NARS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA806502]) (1:150)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium 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, [TA806502]) (1:150)



Immunohistochemical staining of paraffin-embedded Human lymphoma 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, [TA806502]) (1:150)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-NARS2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA806502]) (1:150)