

## Product datasheet for **CF501215**

### **NXNL2 Mouse Monoclonal Antibody [Clone ID: OT1C3]**

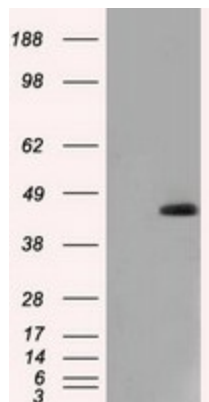
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OT1C3
<b>Applications:</b>	IF, IHC, WB
<b>Recommended Dilution:</b>	WB 1:1000~2000, IHC 1:50, IF 1:100
<b>Reactivity:</b>	Human, Dog, Mouse
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NXNL2 (NP_660326) 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>	14.5 kDa
<b>Gene Name:</b>	nucleoredoxin like 2
<b>Database Link:</b>	<a href="#">NP_660326</a> <a href="#">Entrez Gene 75124 Mouse</a> <a href="#">Entrez Gene 158046 Human</a> <a href="#">Q5VZ03</a>
<b>Synonyms:</b>	C9orf121; RDCVF2

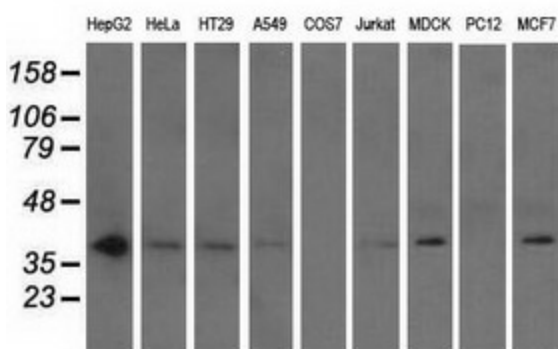


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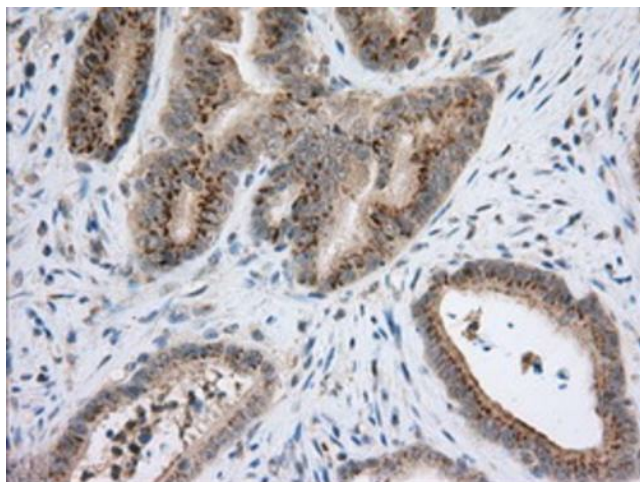
**Product images:**



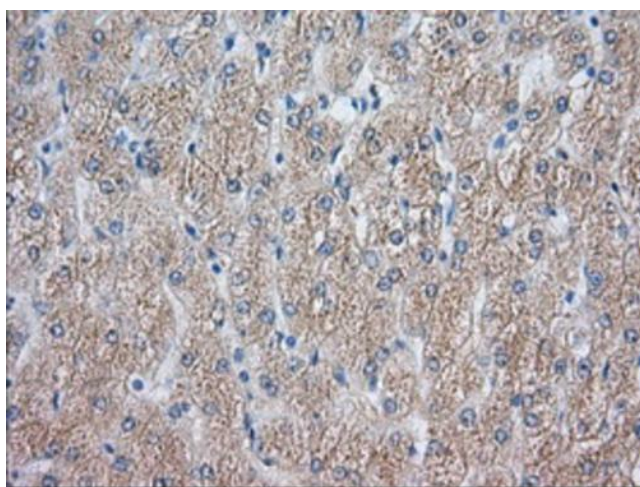
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NXNL2 ([RC205425], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NXNL2. Positive lysates [LY408006] (100ug) and [LC408006] (20ug) can be purchased separately from OriGene.



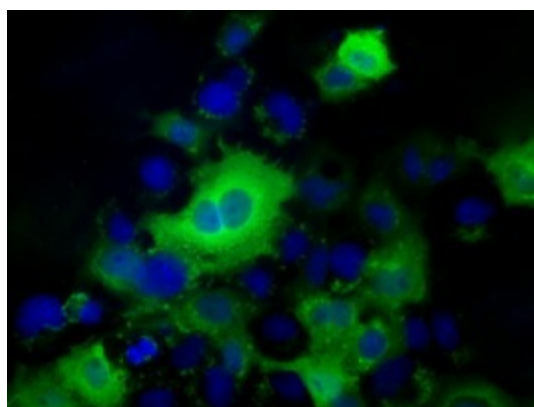
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NXNL2 monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-NXNL2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501215])



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-NXNL2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501215])



Anti-NXNL2 mouse monoclonal antibody ([TA501215]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NXNL2 ([RC205425]).