

## Product datasheet for **CF503616**

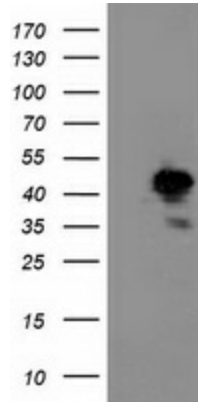
### ALS2CR1 (NIF3L1) Mouse Monoclonal Antibody [Clone ID: OTI2B7]

#### Product data:

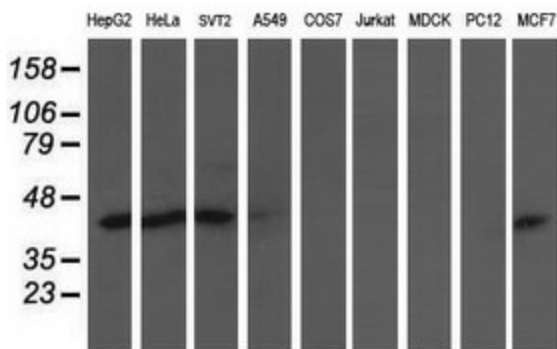
Product Type:	Primary Antibodies
Clone Name:	OTI2B7
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NIF3L1(NP_068596) produced in 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:	38.8 kDa
Gene Name:	Homo sapiens NGG1 interacting factor 3 like 1 (NIF3L1), transcript variant 2, mRNA.
Database Link:	<a href="#">NP_068596</a> <a href="#">Entrez Gene 65102 MouseEntrez Gene 301431 RatEntrez Gene 60491 Human Q9GZT8</a>
Synonyms:	ALS2CR1; CALS-7; MDS015



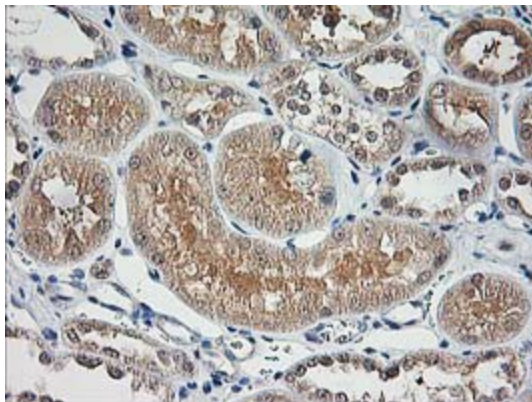
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**Product images:**


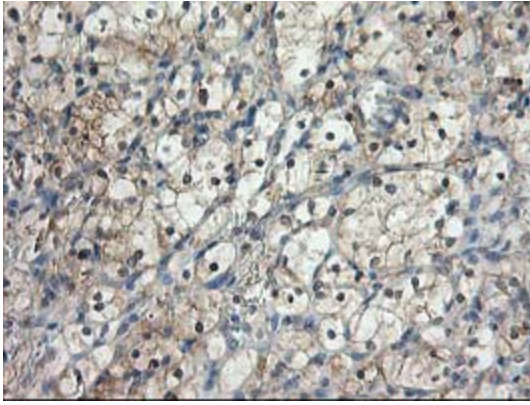
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NIF3L1 ([RC200827], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NIF3L1. Positive lysates [LY411906] (100ug) and [LC411906] (20ug) can be purchased separately from OriGene.



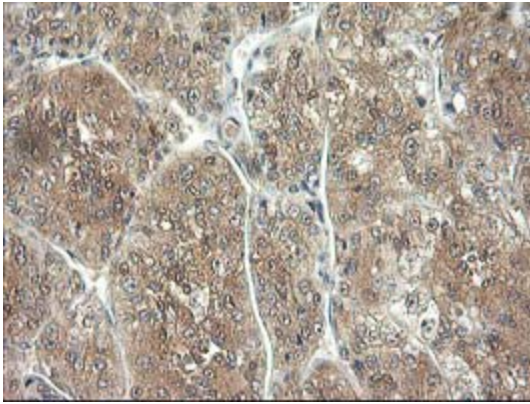
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NIF3L1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



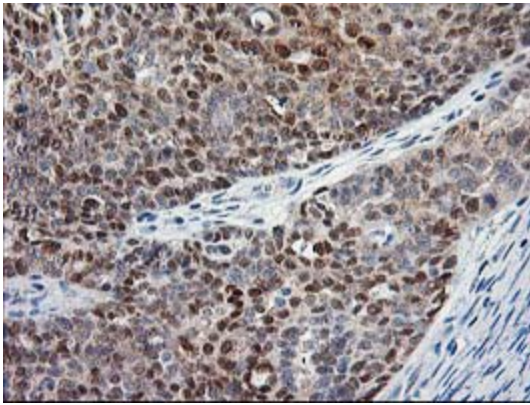
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



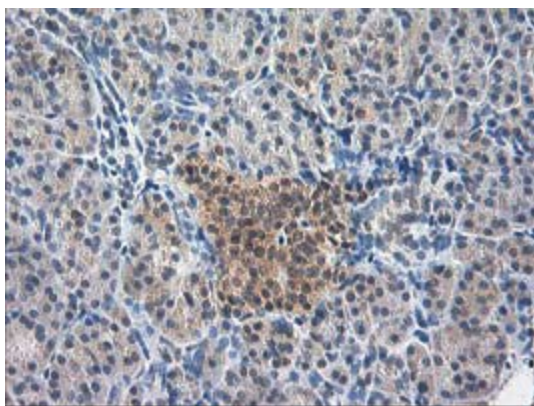
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



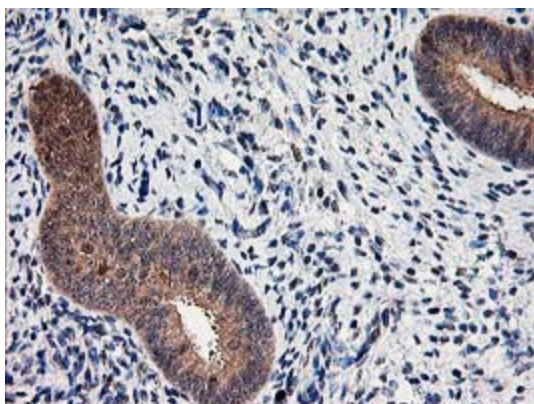
Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



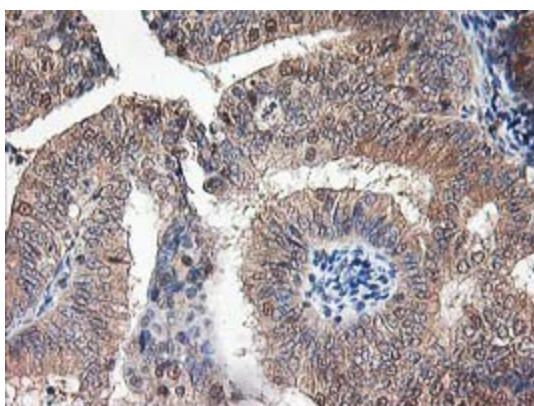
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



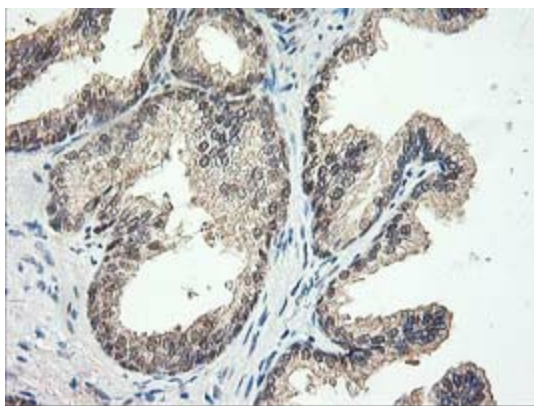
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



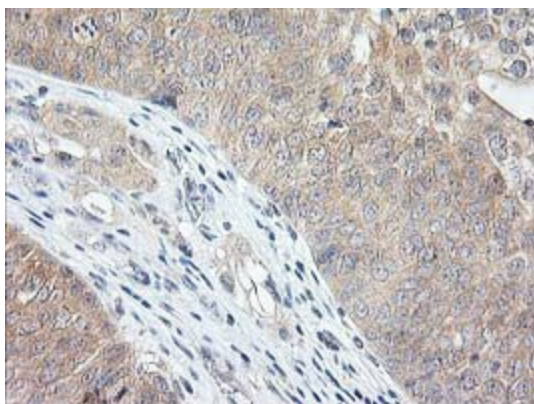
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



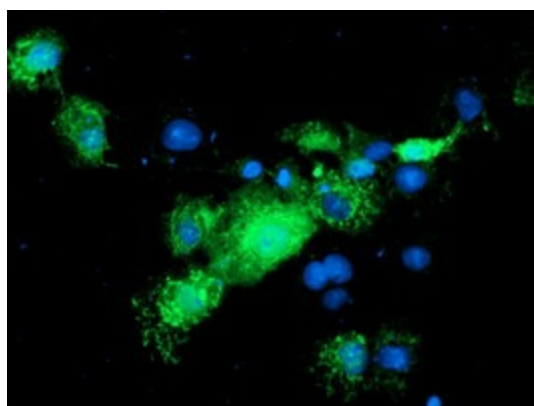
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-NIF3L1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503616])



Anti-NIF3L1 mouse monoclonal antibody ([TA503616]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NIF3L1 ([RC200827]).