

## Anti-MCAK (KIF2C) Mouse Monoclonal Antibody [Clone ID: OTI1C5]

Catalog Number: M03202

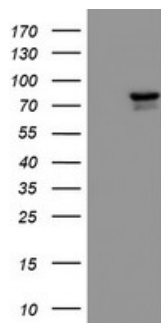
### Overview

Product Name	Anti-MCAK (KIF2C) Mouse Monoclonal Antibody [Clone ID: OTI1C5]
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio KIF2C (MCAK) mouse monoclonal antibody, clone OTI1C5 (formerly 1C5). Catalog# M03202. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1C5
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q99661

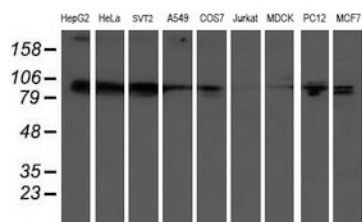
### Technical Details

Immunogen	Full length human recombinant protein of human KIF2C (NP_006836) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.65 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

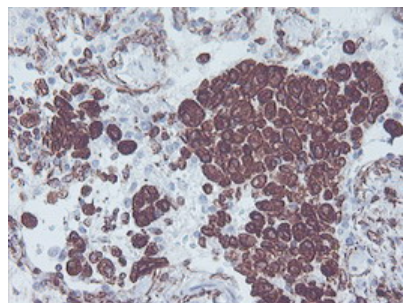
## Anti-MCAK (KIF2C) Mouse Monoclonal Antibody [Clone ID: OTI1C5] (M03202) Images



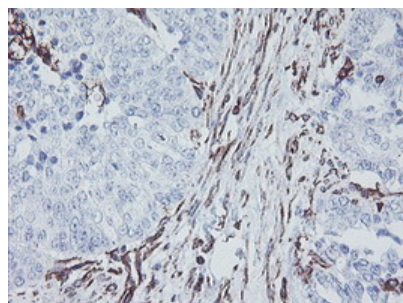
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KIF2C (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KIF2C.



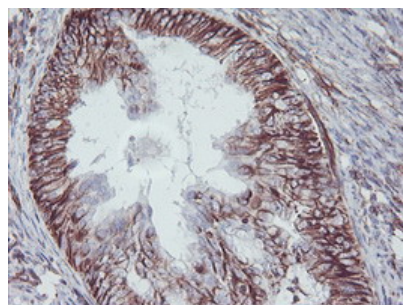
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-KIF2C monoclonal antibody.



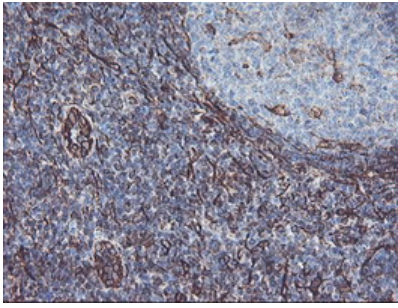
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



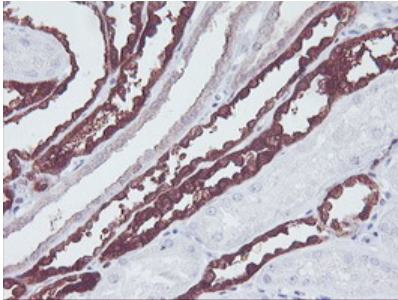
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



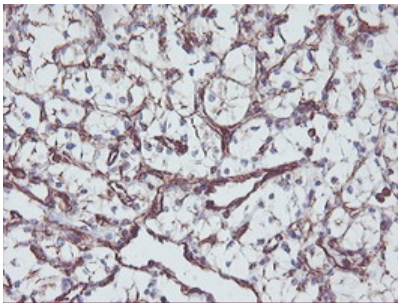
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



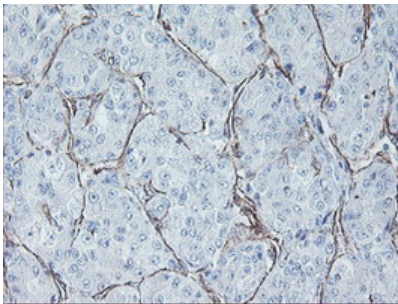
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



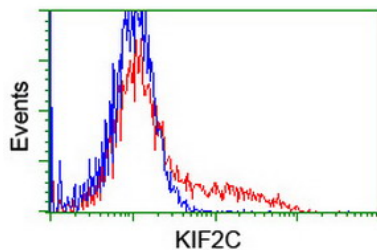
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

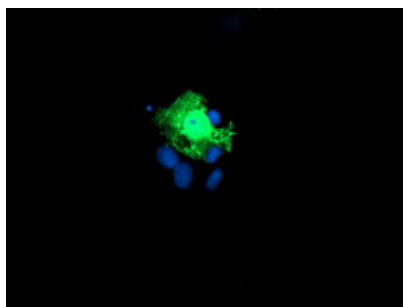


Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-KIF2C mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either KIF2C (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-KIF2C antibody (M03202)

Anti-KIF2C mouse monoclonal antibody (M03202) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY KIF2C.



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