Product Name: DCTN4 Mouse Monoclonal Antibody
Catalog #: AMM83054
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	52.3kDa

Antigen Information

Gene Name	DCTN4
Alternative Names	P62; DYN4
Gene ID	51164.0
SwissProt ID	Q9UJW0
Immunogen	Purified recombinant fragment of human DCTN4 (AA: 57-298) expressed in E. Coli.

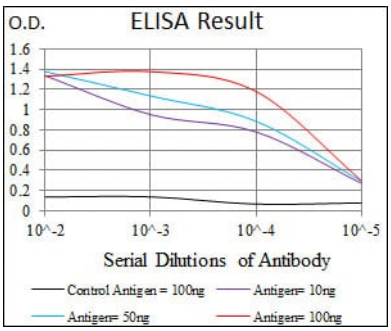
Background

Dynactin 4 could have a dual role in dynein targeting and in ACTR1A/Arp1 subunit of dynactin pointed-end capping. Could be involved in ACTR1A pointed-end binding and in additional roles in linking dynein and dynactin to the cortical cytoskeleton.The dynactin complex binds cargo, such as vesicles and organelles, to cytoplasmic dynein for retrograde microtubule-mediated

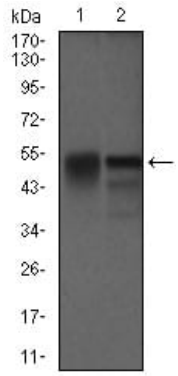
trafficking and could feasibly be involved in the copper-regulated trafficking of ATP7B.

Research Area

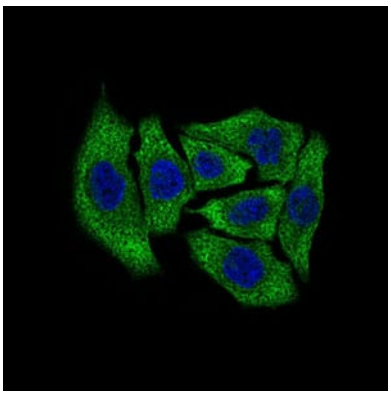
Image Data



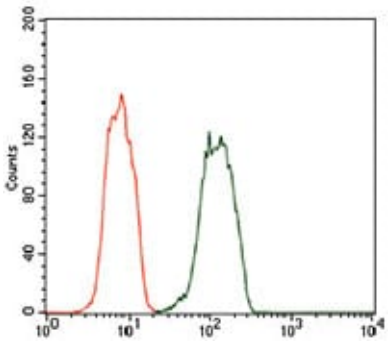
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



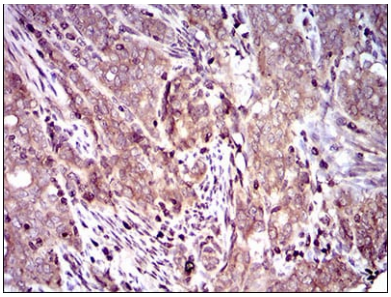
Western blot analysis using DCTN4 mouse mAb against Raw264.7 (1) and NIH3T3 (2) cell lysate.



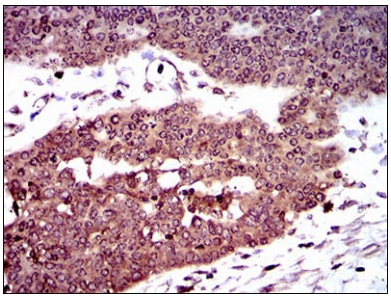
Immunofluorescence analysis of HepG2 cells using DCTN4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HEK293 cells using DCTN4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using DCTN4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using DCTN4 mouse mAb with DAB staining.