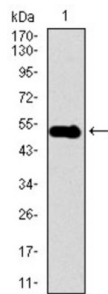
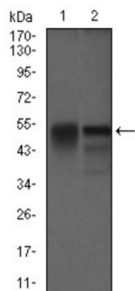


Dynactin Subunit 4 (DCTN4) Antibody

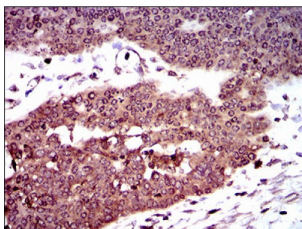
Catalogue No.: abx015834



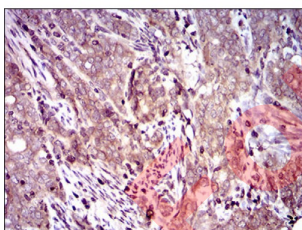
Western blot analysis using DCTN4 antibody against human DCTN4 recombinant protein. (Expected MW is 53.2 kDa).



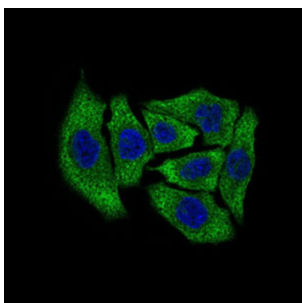
Western blot analysis using DCTN4 antibody against HEK293 (1) and DCTN4 (AA: 57-298) - hlgGFc transfected HEK293 (2) cell lysate.



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



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

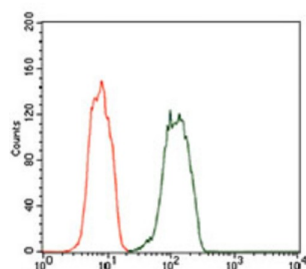


Flow cytometric analysis of HEK293 cells using DCTN4 antibody (green) and negative control (red).

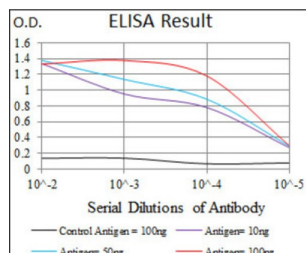
Datasheet

Version: 3.0.0

Revision date: 07 Oct 2025



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using DCTN4 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using DCTN4 antibody with DAB staining.

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.

Target: Dynactin Subunit 4 (DCTN4)

Clonality: Monoclonal

Reactivity: Human, Mouse

Tested Applications: ELISA, WB, IHC, IF/ICC, FCM

Host: Mouse

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human DCTN4 (AA: 57-298) expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Datasheet

Version: 3.0.0

Revision date: 07 Oct 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

GeneID: [51164](#)

Molecular Weight: 52.3 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only