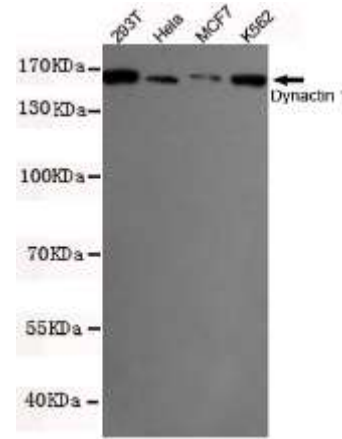


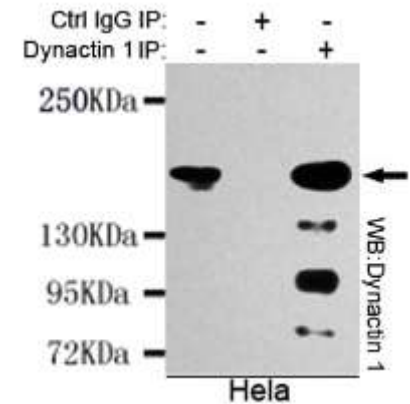
Anti-DCTN1 Antibody (3D5-C6-D5)

CATALOG NO:	A1341-100
AMOUNT:	100 µg
ALTERNATIVE NAMES:	Dynactin subunit 1, 150 kDa dynein-associated polypeptide, DAP-150, DP-150, p135, p150-glued
CLONALITY:	Monoclonal
CLONE:	3D5-C6-D5
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human DCTN1 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	150 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels of DCTN1 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Plays a key role in dynein-mediated retrograde transport of vesicles and organelles along microtubules by recruiting and tethering dynein to microtubules. Binds to both dynein and microtubules providing a link between specific cargos, microtubules and dynein. Essential for targeting dynein to microtubule plus ends, recruiting dynein to membranous cargos and enhancing dynein processivity (the ability to move along a microtubule for a long distance without falling off the track). Can also act as a brake to slow the dynein motor during motility along the microtubule.
APPLICATION:	WB; 1:500

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of Dynactin 1 in K562, MCF7, 293T and HeLa cell lysates using DCTN1 Antibody



Immunoprecipitation analysis of HeLa cell lysates using DCTN1 Antibody

RELATED PRODUCTS:

- Anti-Ki67 Rabbit Monoclonal Antibody (Cat. No. A1135)
- PCNA Antibody (Cat. No. 3350R)
- p53 Antibody (Clone C6A5) (Cat. No. 3036)
- Anti-Cyclin D1, Rabbit Monoclonal Antibody (Cat. No. A1129)

FOR RESEARCH USE ONLY! Not to be used on humans.