

## p50 Dynamitin Ab

[Images\(3\)](#)

Cat.#: AF0232	Concn.: ~1mg/ml	Mol.Wt.: 50kDa
Size:	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:500-1:3000, IF/ICC 1:100-1:500

\*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

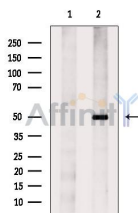
Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

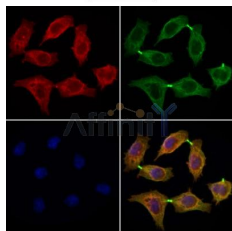
Immunogen: A synthesized peptide derived from human p50 Dynamitin, corresponding to a region within C-terminal amino acids.

Uniprot: Q13561

Description: dynactin 2 Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development. Belongs to the dynactin subunit 2 family. Subunit of dynactin, a multiprotein complex associated with dynein. Interacts with BICD2 and CEP135. Interacts with MAPRE1.



Western blot analysis of extracts from HeLa cells, using p50 Dynamitin Ab. The lane on the left was treated with blocking peptide.



AF0232 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AF0232 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.

The nuclear counter stain is DAPI(blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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