

32-6179: Mouse Anti Human nudE Nuclear Distribution Gene E Homolog 1(Clone:P1F7AT.)

Clonality :	Monoclonal
Clone Name :	P1F7AT.
Application :	ELISA,WB
Gene :	NDE1
Gene ID :	54820
Uniprot ID :	Q9NXR1
Format :	Purified
Alternative Name :	Nuclear distribution protein nudE homolog 1,NudE,NDE1,NUDE,LIS4,NUDE1,HOM-TES-87.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human NDE1 mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NDE1 amino acids 1-335 purified from E. coli

Description

NDE1 is a cytoplasmic protein which is a member of the nudE protein family. Phosphorylated during mitosis, NDE1 is critical for the formation and function of the mitotic spindle in M phase and functions to regulate the Dynein-mediated transport of kinetochore proteins, as well as centrosome duplication during interphase. NDE1 is believed to interact with NDEL1, LIS1 and Dynein IC1/2, cytosolic in a signaling pathway which regulates the formation of neurons and is fundamental to the development of the cerebral cortex.

Product Info

Amount :	20 µg
Purification :	NDE1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

NDE1 antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500.