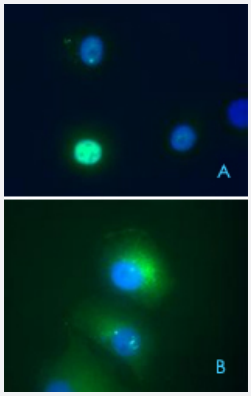
DAXX monoclonal antibody, clone DAXX-01

Catalog # MAB0937 Size 100 ug

Applications



Immunocytochemistry

Immunofluorescence staining of DAXX in transfected HeLa human cervix carcinoma cell line. DAXX (green) was stained with DAXX monoclonal antibody, clone DAXX - 01 (Cat # MAB0937) , nuclei were stained with DAPI (blue) . A : Nuclear localization of DAXX in HeLa cells transfected with pCDNA3 - MycDaxx. B : HeLa cells were co - transfected with pCDNA3 - MycDaxx and pCDNA3 - ASK1HA, which led to translocation of DAXX from nucleus to cytoplasm.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant DAXX.
Immunogen	Recombinant protein corresponding to amino acids 558-740 of human DAXX.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunocytochemistry

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- Western Blot

Gene Info — DAXX

Entrez GeneID	1616
Gene Name	DAXX
Gene Alias	BING2, DAP6, EAP1, MGC126245, MGC126246
Gene Description	death-domain associated protein
Omim ID	603186
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, the encoded protein functions as a potent transcription repressor that binds to sumoylated transcription factors. Its repression can be relieved by the sequestration of this protein into promyelocytic leukemia nuclear bodies or nucleoli. This protein also associates with centromeres in G2 phase. In the cytoplasm, the encoded protein may function to regulate apoptosis. The subcellular localization and function of this protein are modulated by post-translational modifications, including sumoylation, phosphorylation and polyubiquitination. Alternative splicing results in multiple transcript variants. [provided by RefSeq
Other Designations	CENP-C binding protein|ETS1-associated protein 1|Fas-binding protein|OTTHUMP00000029289|OTTHUMP00000029290|death-associated protein 6

Pathway

- Amyotrophic lateral sclerosis (ALS)
- MAPK signaling pathway

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Disease

- Diabetes Mellitus
- Disease Susceptibility
- Genetic Predisposition to Disease
- Lupus Erythematosus

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