

**Product Name: DAXX Mouse Monoclonal Antibody**  
**Catalog #: AMM80773**



## Summary

<b>Production Name</b>	DAXX Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,FC,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	DAXX
<b>Alternative Names</b>	DAP6; EAP1; BING2
<b>Gene ID</b>	1616.0
<b>SwissProt ID</b>	Q9UER7.Purified recombinant fragment of human DAXX expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,ICC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	81kDa

## Background

DAXX (death-domain associated protein), it is a multifunctional protein that resides in multiple locations in the nucleus and

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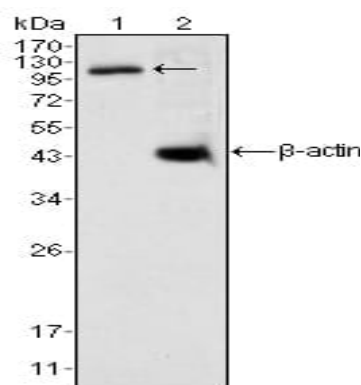


in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, the encoded protein functions as a potent transcription repressor that binds to sumoylated transcription 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.

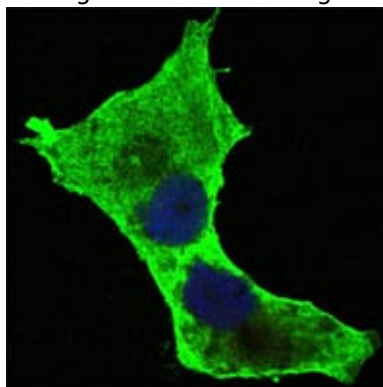
## Research Area

Apoptosis, MAPK signaling pathway

## Image Data

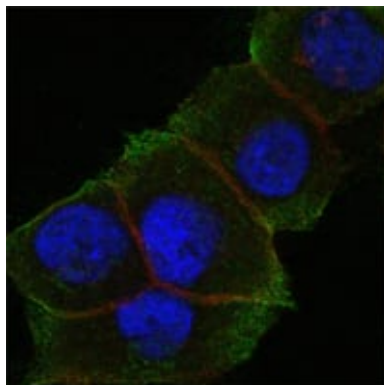


Western blot analysis using DAXX mouse mAb against K562 cell lysate (1).

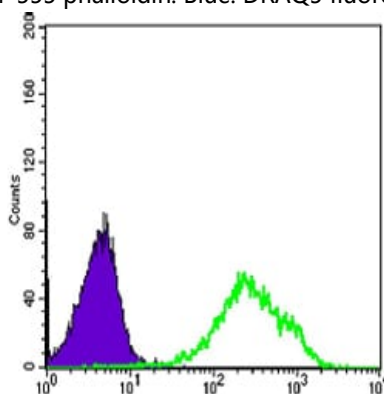


Confocal Immunofluorescence analysis of PANC-1 cells using DAXX mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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Confocal Immunofluorescence analysis of Hela cells using DAXX mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of Hela cells using DAXX mouse mAb (green) and negative control (purple).

## Note

For research use only.