

## Product datasheet for **AM06368PU-N**

### **DAXX Mouse Monoclonal Antibody [Clone ID: 7A11]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	7A11
Applications:	ELISA, FC, IF, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/2000. <b>Immunofluorescence:</b> 1/200 - 1/1000. <b>Flow cytometry:</b> 1/200 - 1/400. <b>ELISA:</b> 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human DAXX expressed in E. Coli.
Specificity:	This antibody reacts to DAXX.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 50% glycerol Preservative: 0,03% sodium azide
Purification:	Affinity chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	81 kDa
Gene Name:	death-domain associated protein
Database Link:	<a href="#">Entrez Gene 1616 Human Q9UER7</a>



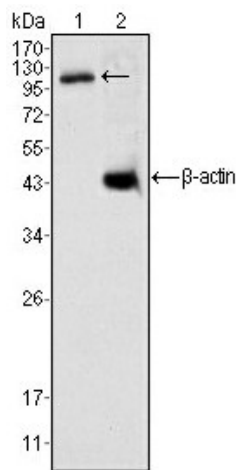
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**Background:**

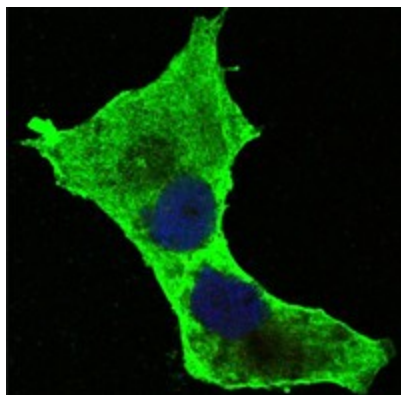
DAXX (death-domain associated protein), it is a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene 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.

**Synonyms:**

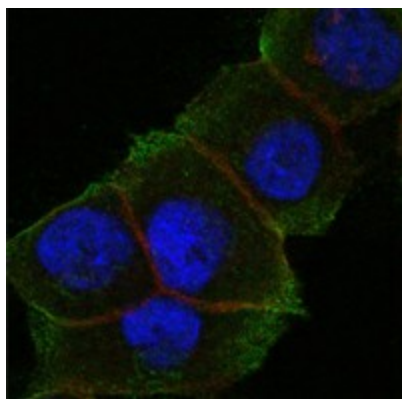
BING2, DAP6, EAP1

**Product images:**

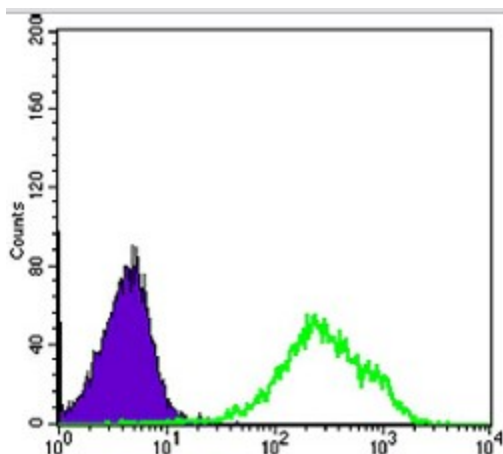
Western blot analysis using DAXX mouse mAb against K562 cell lysate (1).



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



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).