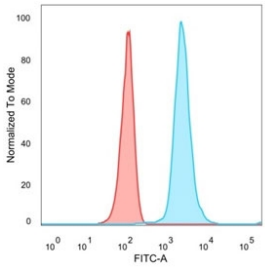
Daxx Antibody [clone PCRP-DAXX-6A8] (V9486)

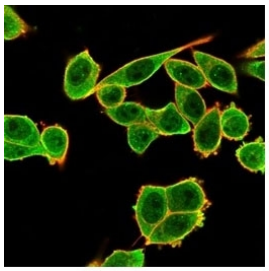
Catalog No.	Formulation	Size
V9486-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9486-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9486SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

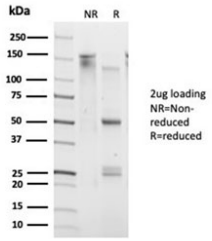
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2c
Clone Name	PCRP-DAXX-6A8
Purity	Protein A/G affinity
UniProt	Q9UER7
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This Daxx antibody is available for research use only.



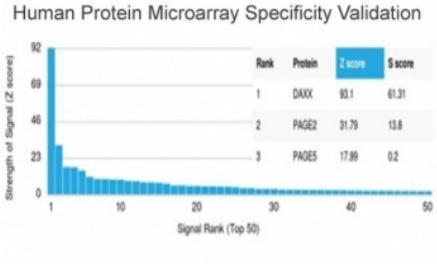
FACS staining of PFA-fixed human HeLa cells with Daxx antibody (blue, clone PCRP-DAXX-6A8), and unstained cells (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using Daxx antibody (green, clone PCRP-DAXX-6A8) and phalloidin (red).



SDS-PAGE analysis of purified, BSA-free Daxx antibody (clone PCRP-DAXX-6A8) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Daxx antibody (clone PCRP-DAXX-6A8). These results demonstrate the foremost specificity of the PCRP-DAXX-6A8 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

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.

Application Notes

Optimal dilution of the Daxx antibody should be determined by the researcher.

Immunogen

Recombinant full-length human DAXX protein was used as the immunogen for the Daxx antibody.

Storage

Aliquot the Daxx antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.