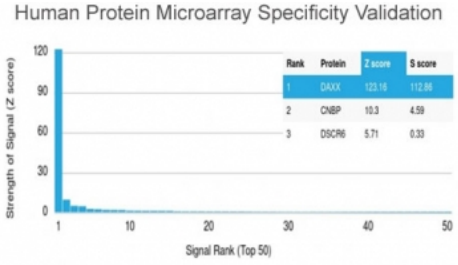
Daxx Antibody [clone PCRP-DAXX-8B7] (V9187)

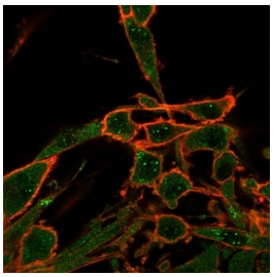
Catalog No.	Formulation	Size
V9187-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9187-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9187SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

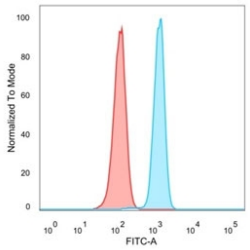
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	PCRP-DAXX-8B7
Purity	Protein A/G affinity
UniProt	Q9UER7
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This Daxx antibody is available for research use only.



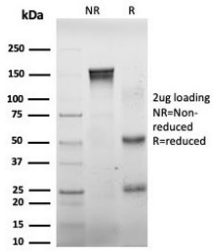
Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using Daxx antibody (clone PCRP-DAXX-8B7). These results demonstrate the foremost specificity of the PCRP-DAXX-8B7 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination 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.



Immunofluorescent staining of human U87 cells using Daxx antibody (green, clone PCRP-DAXX-8B7) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with Daxx antibody (blue, clone PCRP-DAXX-8B7), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free Daxx antibody (clone PCRP-DAXX-8B7) as confirmation of integrity and purity.

Description

Daxx 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, it 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.

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.