DAXX Antibody

Mouse Monoclonal Antibody [Clone PCRP-DAXX-8B7]

Catalog No	Format	Size
1616-MSM14-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1616-MSM14-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1616-MSM14-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

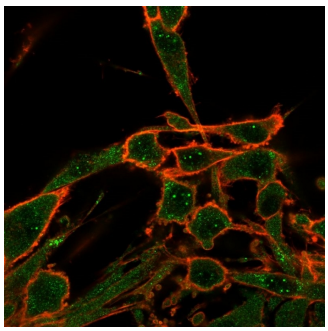
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

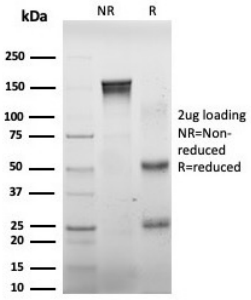
Clone	PCRP-DAXX-8B7
Gene Name	DAXX
Immunogen	Recombinant full-length human DAXX protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	81.37kDa
Cellular Localization	Centromere, Chromosome, Cytoplasm, Nucleolus, Nucleoplasm, Nucleus, PML body
Species Reactivity	Human
Positive Control	HeLa or U87 cells.

**Optimal dilution for a specific application should be determined.*

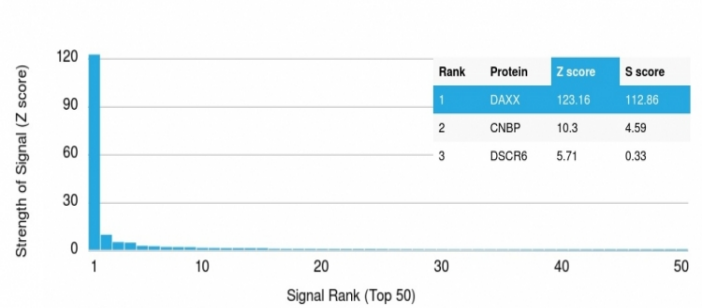
Product Images for DAXX Antibody



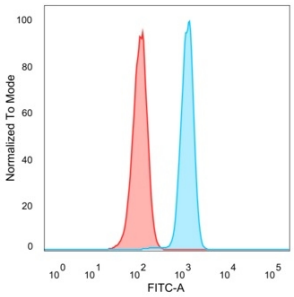
Immunofluorescence Analysis of U87 cells using DAXX Mouse Monoclonal Antibody (PCRP-DAXX-8B7) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



SDS-PAGE Analysis of Purified DAXX Mouse Monoclonal Antibody (PCRP-DAXX-8B7). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing DAXX Mouse Monoclonal Antibody (PCRP- DAXX-8B7). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Flow Cytometric Analysis of PFA-fixed HeLa cells. DAXX Mouse Monoclonal Antibody (PCRP-DAXX-8B7) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Apoptosis, Autophagy, Infectious Disease, MAPK Signaling, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.