

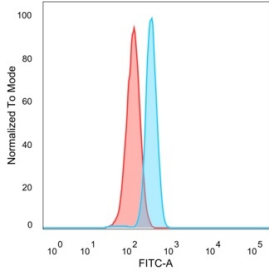
## Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] (A277622)

### Specifications:

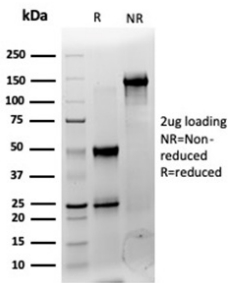
Name:	Anti-CNOT10 Antibody [PCRP-CNOT10-1D5]
Description:	Mouse monoclonal [PCRP-CNOT10-1D5] antibody to CNOT10.
Specificity:	CNOT10 is a subunit of the CCR4-NOT complex which consists of at least five other CNOT subunit proteins and TAB182. The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription, as well as in mRNA degradation. Various subunits (e.g. CNOT1, CNOT3) are uniquely involved in influencing nuclear hormone receptor activities. In effect, this complex has an important role as a transcription regulator and repressor of nuclear receptor signaling that is relevant to the molecular pathways involved in cancer. The CCR4-NOT complex is also involved in the regulation of Histone H3 lysine 4 methylation through a ubiquitin-dependent pathway that likely involves the proteasome.
Applications:	ELISA, IP, Flow Cytometry, IF, WB
Recommended Dilutions:	IP: 1-2 $\mu$ g / 100-500 $\mu$ g proteins, Flow Cytometry: 1-2 $\mu$ g/million cells, IF: 1-2 $\mu$ g/ml, WB: 1-2 $\mu$ g/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human CNOT10 protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-CNOT10-1D5
Isotype:	IgG2c
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 $\mu$ g/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] - BSA and Azide free (A278210).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] (A277622)

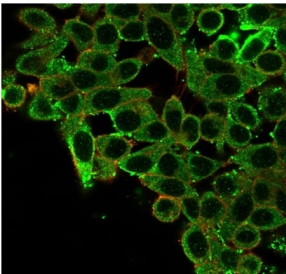
### Images:



Flow cytometric analysis of PFA-fixed HeLa cells using Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



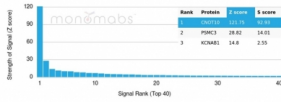
SDS-PAGE analysis of Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunofluorescent analysis of PFA-fixed HeLa cells stained with Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).

## Anti-CNOT10 Antibody [PCRP-CNOT10-1D5] (A277622)

Images continued:



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-CNOT10 Antibody [PCRP-CNOT10-1D5]. Z-Score 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 HuProt™ 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 HuProt™ 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 be 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.