

CCR4-NOT transcription complex, subunit 10 (CNOT10) Antibody

Mouse Monoclonal Antibody [Clone PCR-CNOT10-1D5]

Catalog No	Format	Size
25904-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
25904-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
25904-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

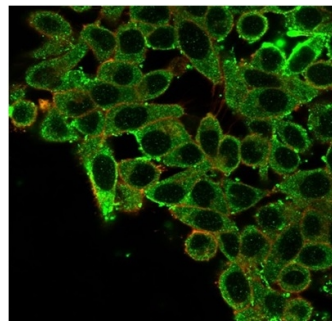
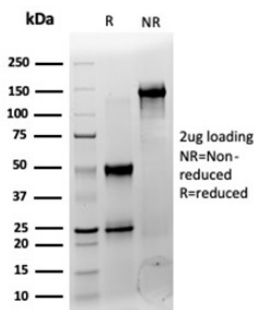
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	PCR-CNOT10-1D5
Gene Name	CNOT10
Immunogen	Recombinant full-length human CNOT10 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c
Mol. Weight of Antigen	82.31kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	HeLa or HepG2 cells.

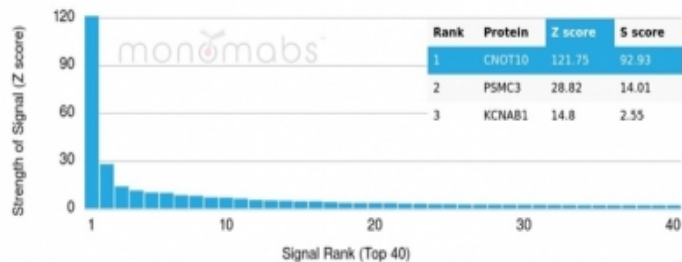
*Optimal dilution for a specific application should be determined.

Product Images for CCR4-NOT transcription complex, subunit 10 (CNOT10) Antibody

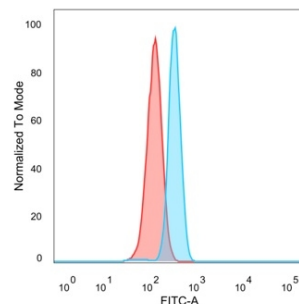


SDS-PAGE Analysis of Purified CNOT10 Mouse Monoclonal Antibody (PCR-CNOT10-1D5). Confirmation of Purity and Integrity of Antibody.

Immunofluorescence Analysis of PFA-fixed HeLa cells stained using CNOT10 Mouse Monoclonal Antibody (PCR-CNOT10-1D5)



followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



Flow cytometric analysis of PFA-fixed HeLa cells. CNOT10 Mouse Monoclonal Antibody (PCRP-CNOT10-1D5) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

Specificity & Comments

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.

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.

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

Transcription Factors