

ZNF202 Antibody

Mouse Monoclonal Antibody [Clone PCRP-ZNF202-1C4]

Catalog No	Format	Size
7753-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7753-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7753-MSM3-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

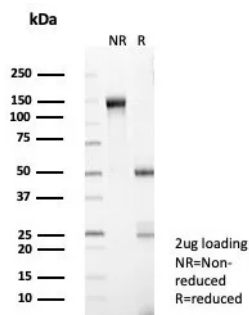
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	

Product Details

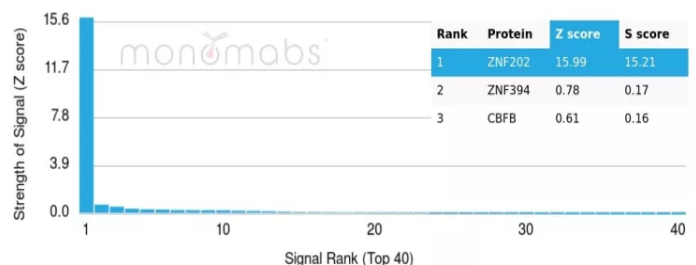
Clone	PCR-P-ZNF202-1C4
Gene Name	ZNF202
Immunogen	Recombinant fragment (around 37-132) of human ZNF202 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	74.72kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	HeLa or MCF-7 cells.

*Optimal dilution for a specific application should be determined.

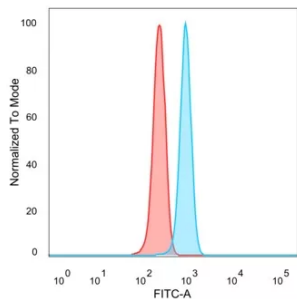
Product Images for ZNF202 Antibody



SDS-PAGE Analysis. Purified ZNF202 Mouse Monoclonal Antibody (PCR-P-ZNF202-1C4). Confirmation of Integrity and Purity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZNF202 Mouse Monoclonal Antibody (PCR-P-ZNF202-1C4). 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 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.



Flow Cytometric Analysis of PFA-fixed HeLa cells. ZNF202 Mouse Monoclonal Antibody (PCRP-ZNF202-1C4) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF202 (zinc finger protein 202), also known as ZKSCAN10, is a 648 amino acid protein that contains eight C2H2-type zinc fingers, one KRAB domain and one SCAN box domain. Localized to the nucleus and expressed at high levels in the testis, ZNF202 belongs to the Kruppel C2H2-type zincfinger protein family and functions as a transcriptional repressor of genes that are involved in lipid metabolism. ZNF202 regulates the expression of several classes of proteins, including lipoprotein particles, transporters involved in lipid homeostasis, enzymes involved in lipid processing and a wide variety of proteins that are associated with energy metabolism. Defects in the gene encoding ZNF202 are associated with high cholesterol and may be involved in the pathogenesis of lung, ovarian and breast cancer. Two isoforms of ZNF202, designated a and b, exist due to alternative splicing events

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

Cardiovascular, Transcription Factors