

## ZNF622 / ZPR9 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone PCRP-ZNF622-1C11]

Catalog No	Format	Size
90441-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
90441-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
90441-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

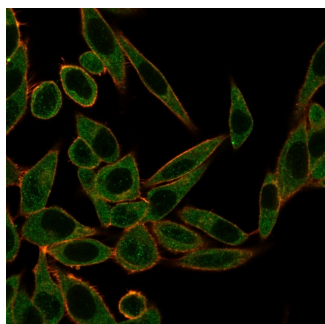
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

Clone	PCRP-ZNF622-1C11
Gene Name	ZNF622
Immunogen	Recombinant full-length human ZNF622 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	52kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	HeLa or Raji cells. Ubiquitous nuclear expression.

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

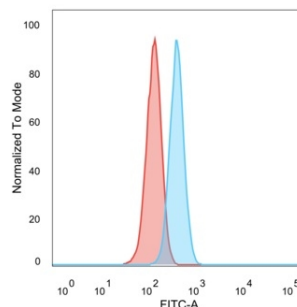
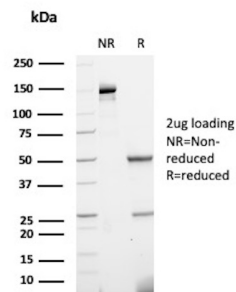
### Product Images for ZNF622 / ZPR9 (Transcription Factor) Antibody



Immunofluorescence Analysis of PFA-fixed HeLa cells using ZNF622 Mouse Monoclonal Antibody (PCRP-ZNF622-1C11) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZNF622 Mouse Monoclonal Antibody (PCRP-ZNF622-1C11). 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.



SDS-PAGE Analysis of Purified Zinc finger protein 622 Mouse Monoclonal Antibody (PCRP-ZNF622-1C11). Confirmation of Purity and Integrity of Antibody.

Flow Cytometric Analysis of PFA-fixed HeLa cells. ZNF622 Mouse Monoclonal Antibody (PCRP-ZNF622-1C11) 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. ZNF622 (zinc-finger protein 622), also known as ZPR9 (zinc-fingerlike protein 9), is a 477 amino acid protein that localizes to both the nucleus and the cytoplasm. Expressed in liver, spleen, lung, kidney and brain, ZNF622 is thought to activate the bound transcription factor B-Myb and, through this activation, may play a role in embryonic development. ZNF622 contains two U1-type zinc fingers and exists as either a homodimer or a heterodimer that can be phosphorylated by MELK (maternal embryonic leucine zipper kinase). Overexpression of ZNF266 may be associated with liver metastases, carcinomatoses and colorectal carcinomas.

### 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.

### 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.