

## ZFP64 Antibody

Mouse Monoclonal Antibody [Clone PCRP-ZFP64-1H2]

Catalog No	Format	Size
55734-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55734-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55734-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

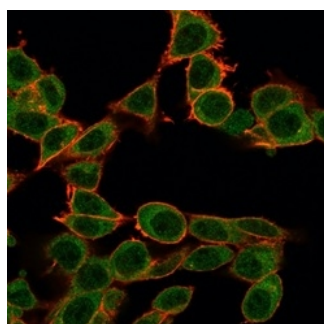
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

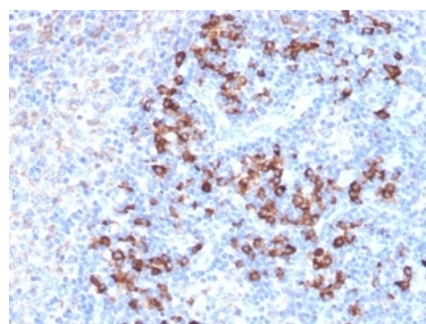
Clone	PCRP-ZFP64-1H2
Gene Name	ZFP64
Immunogen	Recombinant full-length human ZFP64 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b
Mol. Weight of Antigen	75kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa or HepG2 cells.

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

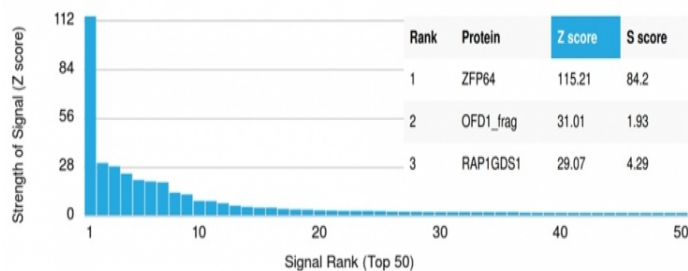
### Product Images for ZFP64 Antibody



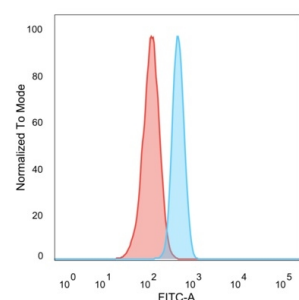
Immunofluorescence Analysis of PFA-fixed HeLa cells using ZFP64 Mouse Monoclonal Antibody (PCRP-ZFP64-1H2) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



Formalin-fixed, paraffin-embedded human lymph node stained with ZFP64 Mouse Monoclonal Antibody (PCRP-ZFP64-1H2).



Analysis of Protein Array containing more than 19,000 full-length human proteins using ZFP64 Mouse Monoclonal Antibody (PCRP-ZFP64-1H2). 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.



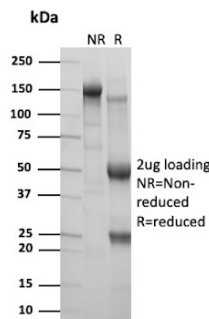
Flow Cytometric Analysis of PFA-fixed HeLa cells. ZFP64 Mouse Monoclonal Antibody (PCRP-ZFP64-1H2) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

## 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. The majority of zinc-finger proteins contain a Kr ppeI-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. ZFP64 (Zinc finger protein 64), also known as ZNF338, is a 681 amino acid homolog of the mouse Zfp64 protein and is a member of the Kr ppeI C2H2-type zinc-finger family. Localized to the nucleus, ZFP64 contains nine C2H2-type zinc fingers and is thought to be involved in transcriptional regulation. Four isoforms of ZFP64 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.



SDS-PAGE Analysis of Purified Zinc finger protein 64 Mouse Monoclonal Antibody (PCRP-ZFP64-1H2). Confirmation of Purity and Integrity of Antibody.

## 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

Nuclear Marker