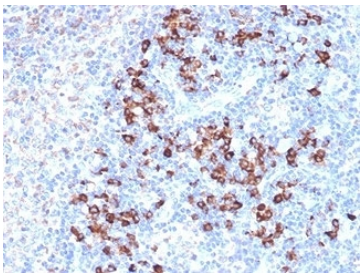
ZFP64 Antibody [clone PCRP-ZFP64-1H2] (V9236)

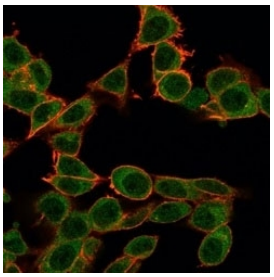
Catalog No.	Formulation	Size
V9236-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9236-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9236SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

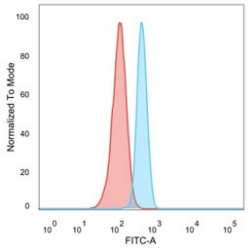
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-ZFP64-1H2
Purity	Protein A/G affinity
UniProt	Q9NTW7
Localization	Nucleus, Cytoplasm, Cell surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This ZFP64 antibody is available for research use only.



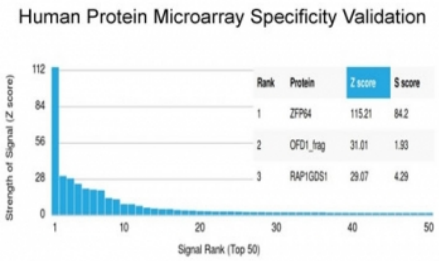
IHC staining of FFPE human lymph node tissue with ZFP64 antibody (clone PCRP-ZFP64-1H2). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of PFA-fixed human HeLa cells using ZFP64 antibody (green, clone PCRP-ZFP64-1H2) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with ZFP64 antibody (blue, clone PCRP-ZFP64-1H2), and unstained cells (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZFP64 antibody (clone PCRP-ZFP64-1H2). These results demonstrate the foremost specificity of the PCRP-ZFP64-1H2 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

Description

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 ppel-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 ppel 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.

Application Notes

Optimal dilution of the ZFP64 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ZFP64 protein was used as the immunogen for the ZFP64 antibody.

Storage

Aliquot the ZFP64 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.