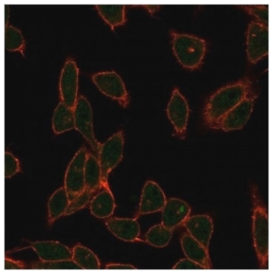
ZC3H7A Antibody [clone PCRP-ZC3H7A-1D6] (V9472)

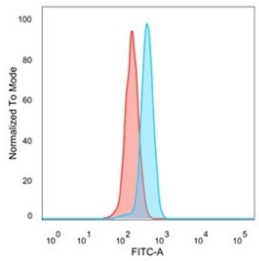
Catalog No.	Formulation	Size
V9472-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9472-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9472SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

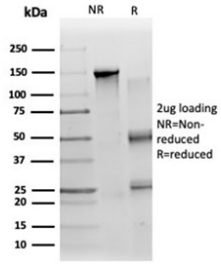
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRP-ZC3H7A-1D6
Purity	Protein A/G affinity
UniProt	Q8IWR0
Localization	Nucleus, cytoplasm
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This ZC3H7A antibody is available for research use only.



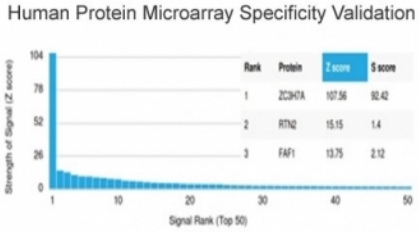
Immunofluorescent staining of PFA-fixed human HeLa cells using ZC3H7A antibody (green, clone PCRP-ZC3H7A-1D6) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with ZC3H7A antibody (blue, clone PCRP-ZC3H7A-1D6) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free ZC3H7A antibody (clone PCRP-ZC3H7A-1D6) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZC3H7A antibody (clone PCRP-ZC3H7A-1D6). These results demonstrate the foremost specificity of the PCRP-ZC3H7A-1D6 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

The zinc finger CCCH domain-containing protein 7A (ZC3H7A), also known as ZC3H7, HSPC055 or ZC3HDC7, is a 971 amino acid protein that contains a C3H1-type zinc finger domain, three C3H1-type zinc fingers and three TPR repeats. Belonging to the ZC3H12 family, ZC3H7A localizes to the nucleus. Existing as two alternatively spliced isoforms, ZC3H7A is encoded by a gene located on human chromosome 16p13.13. Chromosome 16 makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders.

Application Notes

Optimal dilution of the ZC3H7A antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ZC3H7A protein was used as the immunogen for the ZC3H7A antibody.

Storage

Aliquot the ZC3H7A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.