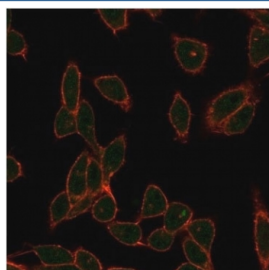


ZC3H7A Antibody [clone PCRP-ZC3H7A-1D6] (V9472)

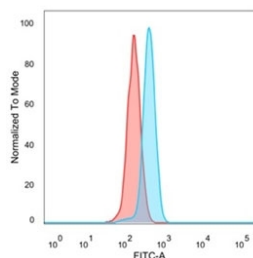
Catalog No.	Formulation	Size
V9472-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9472-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9472SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

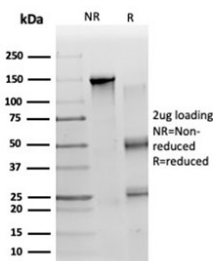
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRP-ZC3H7A-1D6
Purity	Protein A/G affinity
UniProt	Q8IWR0
Localization	Nucleus, cytoplasm
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 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).

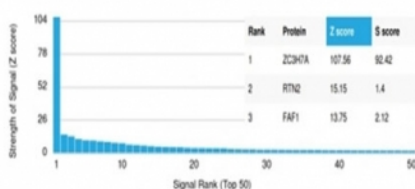


FACS staining of PFA-fixed human HeLa cells with ZC3H7A antibody (blue, clone PCRP-ZC3H7A-1D6) and isotype control (red).



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

Human Protein Microarray Specificity Validation



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 \times 39;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 \times 39;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.

