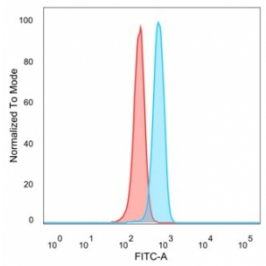
ZFP90 Antibody / Zinc Finger Protein 90 Microarray Specificity Validated Antibody [clone PCRP-ZFP90-1C5] (V4433)

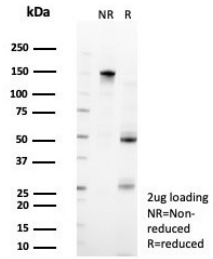
Catalog No.	Formulation	Size
V4433-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4433-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4433SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

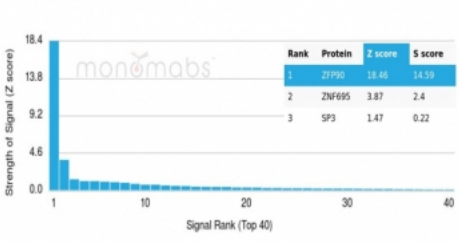
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-ZFP90-1C5
Purity	Protein A/G affinity
UniProt	Q8TF47
Localization	Nucleus
Applications	Flow cytometry: 1-2ug/million cells
Limitations	This ZFP90 Antibody / Zinc Finger Protein 90 Microarray Specificity Validated Antibody is available for research use only.



ZFP90 Antibody Nuclear Protein FACS. Flow cytometry analysis of Zinc finger protein 90 / ZFP90 in PFA-fixed human HeLa cells using mouse monoclonal ZFP90 antibody, clone PCRP-ZFP90-1C5, followed by goat anti-mouse IgG-CF488. The blue histogram shows a clear rightward shift compared to red unstained cells, indicating detectable ZFP90 expression under the conditions tested.



SDS-PAGE analysis of purified, BSA-free ZFP90 antibody (clone PCRP-ZFP90-1C5) as confirmation of integrity and purity.



ZFP90 Antibody Microarray Specificity Validation. Protein microarray analysis of Zinc finger protein 90 / ZFP90 using mouse monoclonal ZFP90 antibody, clone PCRP-ZFP90-1C5, across a HuProt(TM) array containing more than 19,000 full-length human proteins demonstrates highly selective binding to ZFP90 with minimal off-target interaction. The signal profile shows strong enrichment for ZFP90 relative to other proteins on the array, supporting high specificity in a proteome-wide context. Z-score represents the strength of antibody binding signal expressed as standard deviations above the mean array signal, while S-score reflects the separation between the top-ranked target and the next highest signal, confirming selective recognition of ZFP90.

Description

Zinc finger protein 90 (ZFP90), also known as ZNF756, is a nuclear transcription-associated protein belonging to the C2H2-type zinc finger protein family, a large group of DNA-binding proteins involved in transcriptional regulation and chromatin organization. ZFP90 Antibody / Zinc Finger Protein 90 Microarray Specificity Validated Antibody (clone PCRP-ZFP90-1C5) is designed as a reference reagent for detecting ZFP90 with high specificity across complex biological samples. ZFP90 antibody, also referred to as Zinc finger protein 90 antibody in the literature, is widely used in studies of gene regulation, transcription factor networks, and epigenetic control.

ZFP90 contains multiple zinc finger domains that facilitate sequence-specific DNA binding, enabling it to function as a regulator of transcription. Proteins in this class often act as transcriptional repressors or activators depending on their interacting partners and cellular context. ZFP90 is thought to participate in chromatin-associated processes, potentially influencing gene expression through interactions with co-regulatory complexes and DNA regulatory elements.

Members of the zinc finger protein family are frequently involved in developmental processes, cell differentiation, and maintenance of cellular identity. While the specific functional roles of ZFP90 are still being defined, its structural features suggest involvement in transcriptional modulation and genome regulation. Expression of ZFP90 has been observed in a range of tissues, with nuclear localization consistent with its role in gene regulatory mechanisms.

In immunohistochemistry and immunofluorescence applications, ZFP90 is expected to exhibit predominantly nuclear staining, reflecting its function as a transcription-associated protein. Western blot analysis typically detects ZFP90 at a molecular weight consistent with its predicted size based on amino acid sequence, supporting its identification in biochemical assays.

A defining feature of this antibody is its validation using protein microarray analysis across more than 19,000 full-length human proteins, demonstrating highly selective binding to ZFP90 with minimal off-target interaction. The Z-score reflects the strength of binding signal relative to the array background, while the S-score represents the separation between the top-ranked target and the next highest signal, confirming target specificity in a proteome-wide context.

The mouse monoclonal clone PCRP-ZFP90-1C5 antibody provides reliable and specific detection of ZFP90 in research applications. Its combination of structural target recognition and microarray-confirmed specificity makes it well suited for studies of transcriptional regulation, chromatin biology, and gene expression analysis.

This antibody is part of a collection of Human Protein Microarray validated antibodies that have been screened for

specificity across thousands of proteins.

Application Notes

Optimal dilution of the ZFP90 Antibody / Zinc Finger Protein 90 Microarray Specificity Validated Antibody should be determined by the researcher.

Immunogen

A recombinant fragment corresponding to the protein domain of ZFP90 was used as the immunogen for the ZFP90 antibody.

Storage

Aliquot the ZFP90 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

ZFP90 antibody, Zinc finger protein 90 antibody, ZNF756 antibody, Zinc finger transcription factor antibody, KRAB zinc finger protein antibody

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