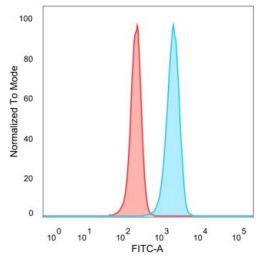
Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9 / IRF3 Monoclonal Antibody [clone PCRP-IRF3-2F9] (V4642)

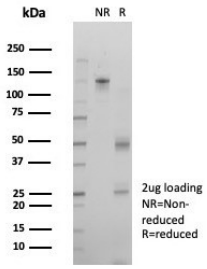
Catalog No.	Formulation	Size
V4642-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4642-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4642SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

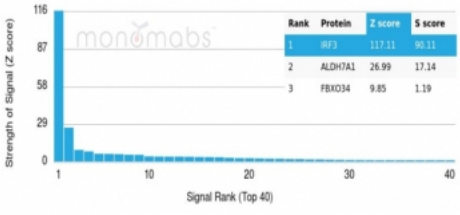
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRP-IRF3-2F9
Purity	Protein A/G affinity
UniProt	Q14653
Localization	Cytoplasm, Nucleus
Applications	Flow cytometry: 1-2ug/million cells
Limitations	This Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9 / IRF3 Monoclonal Antibody is available for research use only.



Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9 FACS Analysis. Flow cytometry testing of PFA-fixed human HeLa cells with Interferon regulatory factor 3 antibody (clone PCRP-IRF3-2F9) followed by goat anti-mouse IgG-CF488 (blue); Red = unstained cells.



SDS-PAGE analysis of purified, BSA-free Interferon regulatory factor 3 antibody (clone PCRP-IRF3-2F9) as confirmation of integrity and purity.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using Interferon regulatory factor 3 antibody (clone PCRP-IRF3-2F9). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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 targets on 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-score. S-score therefore represents the relative target specificity of a mAb to its intended target. A mAb is considered to 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.

Description

Interferon regulatory factor-3 (IRF3) is a key transcriptional regulator of type I interferon (IFN)-dependent immune responses which plays a critical role in the innate immune response against DNA and RNA viruses. [UniProt]

For broader characterization of IRF3-associated innate immune signaling and interferon regulatory pathways, see our IRF3 Antibody / Innate Immune Signaling Antibody page featuring clone PCRP-IRF3-6C8 with WB, IF, FACS, and HuProt(TM) microarray specificity validation data.

Application Notes

Optimal dilution of the Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9 / IRF3 Monoclonal Antibody should be determined by the researcher.

Immunogen

Recombinant full-length human IRF3 protein was used as the immunogen for the Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9.

Storage

Aliquot the Interferon regulatory factor 3 Antibody PCRP-IRF3-2F9 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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