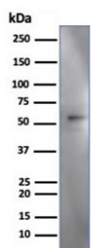


IRF3 Antibody / Interferon regulatory factor 3 [clone PCR-IRF3-3B2] (V8820)

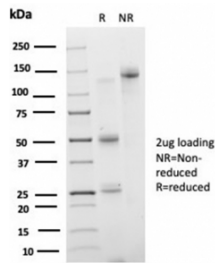
Catalog No.	Formulation	Size
V8820-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8820-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8820SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

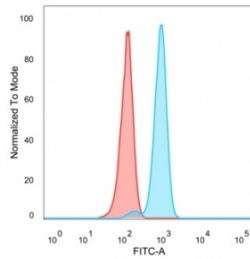
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PCR-IRF3-3B2
Purity	Protein A/G affinity
UniProt	Q14653
Localization	Cytoplasm, Nucleus
Applications	Western Blot : 2-4ug/ml Immunofluorescence : 1-2ug/ml Flow Cytometry : 1-2ug/million cells
Limitations	This IRF3 antibody is available for research use only.



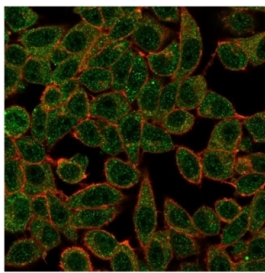
Western blot testing of human HeLa cell lysate using IRF3 antibody (clone PCR-IRF3-3B2). Predicted molecular weight ~47 kDa.



SDS-PAGE analysis of purified, BSA-free IRF3 antibody (PCRP-IRF3-3B2) as confirmation of integrity and purity.

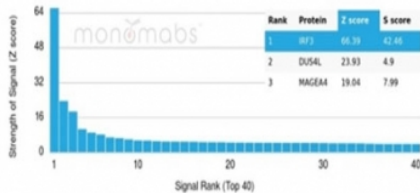


FACS staining of PFA-fixed human HeLa cells with IRF3 antibody (blue, clone PCRP-IRF3-3B2) and isotype control (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using IRF3 antibody (green, clone PCRP-IRF3-3B2) and phalloidin (red).

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using IRF3 antibody (clone PCRP-IRF3-3B2). These results demonstrate the foremost specificity of the PCRP-IRF3-3B2 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

Interferon regulatory factor 3 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 IRF3 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human IRF3 protein was used as the immunogen for the IRF3 antibody.

Storage

Aliquot the IRF3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.