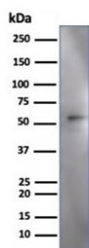


## IRF3 Antibody / Interferon regulatory factor 3 [clone PCRP-IRF3-3B2] (V8820)

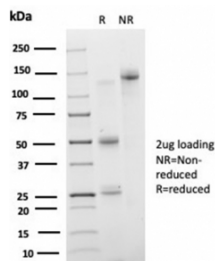
Catalog No.	Formulation	Size
V8820-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8820-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8820SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

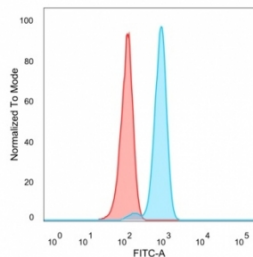
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	PCRP-IRF3-3B2
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q14653
<b>Localization</b>	Cytoplasm, Nucleus
<b>Applications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



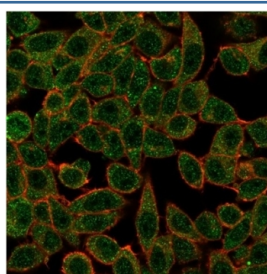
Western blot testing of human HeLa cell lysate using IRF3 antibody (clone PCRP-IRF3-3B2). Predicted molecular weight ~47 kDa.



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

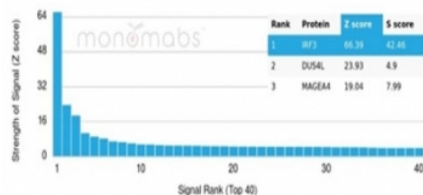


FACS staining of PFA-fixed human HeLa cells with IRF3 antibody (blue, clone PCRP-IRF3-3B2) and isotype control (red).



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]

## 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.

