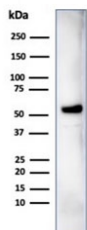


## IRF3 Antibody / Interferon regulatory factor 3 [clone PCRP-IRF3-1E11] (V9198)

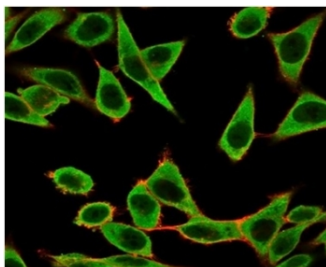
Catalog No.	Formulation	Size
V9198-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9198-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9198SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

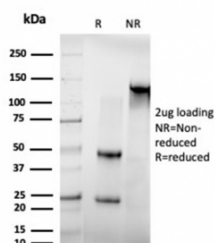
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	PCRP-IRF3-1E11
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q14653
<b>Localization</b>	Cytoplasm, Nucleus
<b>Applications</b>	Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml
<b>Limitations</b>	This IRF3 antibody is available for research use only.



Western blot testing of human MCF-7 cell lysate using IRF3 antibody (clone PCRP-IRF3-1E11). Predicted molecular weight ~47 kDa.

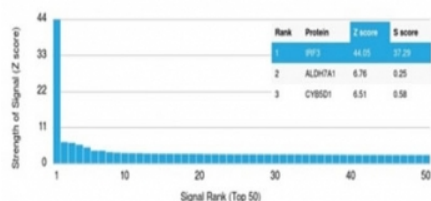


Immunofluorescent staining of human HeLa cells using IRF3 antibody (green, clone PCR-IRF3-1E11) and phalloidin (red).



SDS-PAGE analysis of purified, BSA-free IRF3 antibody (PCR-IRF3-1E11) 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 IRF3 antibody (clone PCR-IRF3-1E11). These results demonstrate the foremost specificity of the PCR-IRF3-1E11 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 transcription factor regulating the IFN response during SARS-CoV-2 infection. [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.

