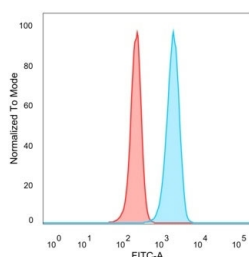


IRF3 Antibody / Interferon regulatory factor 3 [clone PCR-IRF3-1E6] (V9200)

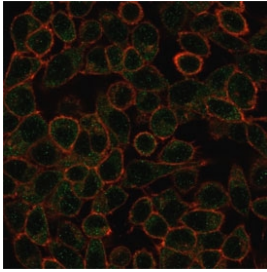
| Catalog No. | Formulation | Size |
|----------------|---|--------|
| V9200-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9200-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9200SAF-100UG | 1 mg/ml in 1X PBS; 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 | PCR-IRF3-1E6 |
| Purity | Protein A/G affinity |
| UniProt | Q14653 |
| Localization | Cytoplasm, Nucleus |
| Applications | Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml |
| Limitations | This IRF3 antibody is available for research use only. |

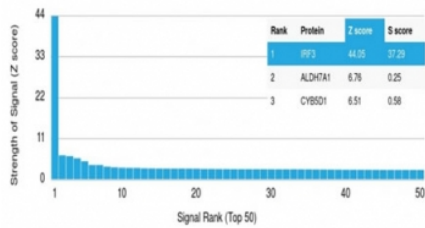


FACS staining of PFA-fixed human HeLa cells with IRF3 antibody (blue, clone PCR-IRF3-1E6), and isotype control (red).

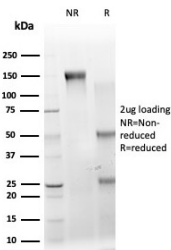


Immunofluorescent staining of PFA-fixed human HeLa cells using IRF3 antibody (green, clone PCR-IRF3-1E6) and phalloidin (red).

Human Protein Microarray Specificity Validation



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using IRF3 antibody (clone PCR-IRF3-1E6). These results demonstrate the foremost specificity of the PCR-IRF3-1E6 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.



SDS-PAGE analysis of purified, BSA-free IRF3 antibody (PCR-IRF3-1E6) as confirmation of integrity and purity.

Description

Interferon regulatory factor 3 acts as a more potent activator of the IFN-beta (IFNB) gene than the IFN-alpha (IFNA) gene and plays a critical role in both the early and late phases of the IFNA/B gene induction. [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.

