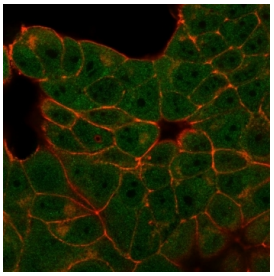
E4F1 Antibody [clone PCRP-E4F1-2D1] (V9189)

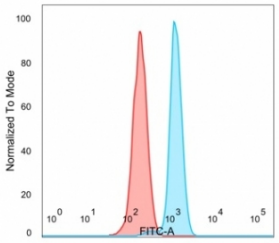
Catalog No.	Formulation	Size
V9189-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9189-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9189SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

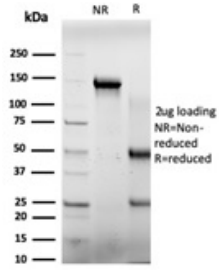
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRP-E4F1-2D1
Purity	Protein A/G affinity
UniProt	Q66K89
Localization	Nucleus, cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This E4F1 antibody is available for research use only.



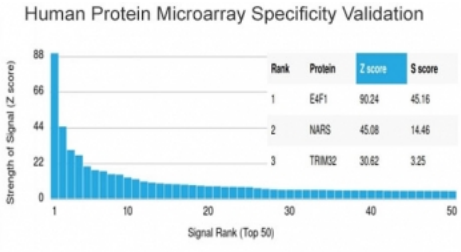
Immunofluorescent staining of PFA-fixed MCF7 cells using E4F1 antibody (green, clone PCRP-E4F1-2D1) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with E4F1 antibody (blue, clone PCRP-E4F1-2D1), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free E4F1 antibody (clone PCRP-E4F1-2D1) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using E4F1 antibody (clone PCRP-E4F1-2D1). These results demonstrate the foremost specificity of the PCRP-E4F1-2D1 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

E4F1 (E4F transcription factor 1), also known as E4F, is a 784 amino acid protein that localizes to both the nucleus and the cytoplasm and contains 9 C2H2-type zinc fingers. Expressed ubiquitously in adult and fetal tissues, E4F1 exists as a homodimer that binds DNA and is thought to act as a transcriptional repressor and may also play a role in cell survival and growth via cell cycle control.

Application Notes

Optimal dilution of the E4F1 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human E4F1 protein was used as the immunogen for the E4F1 antibody.

Storage

Aliquot the E4F1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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