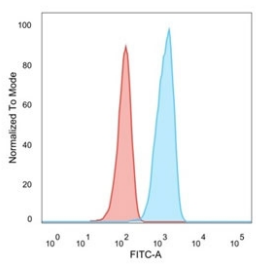
TCF-25 Antibody / Transcription factor 25 [clone PCRP-TCF25-1A11] (V9210)

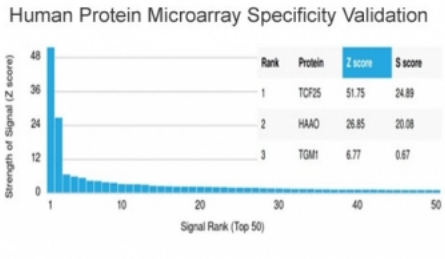
Catalog No.	Formulation	Size
V9210-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9210-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9210SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

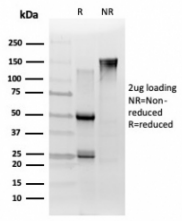
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a
Clone Name	PCRP-TCF25-1A11
Purity	Protein A/G affinity
UniProt	Q9BQ70
Localization	Nucleus, Cytoplasm
Applications	Flow Cytometry : 1-2ug/million cells Western Blot : 1-2ug/ml
Limitations	This TCF-25 antibody is available for research use only.



FACS staining of PFA-fixed human HeLa cells with TCF-25 antibody (blue, clone PCRP-TCF25-1A11), and unstained cells (red).



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using TCF-25 antibody (clone PCRP-TCF25-1A11). These results demonstrate the foremost specificity of the PCRP-TCF25-1A11 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 TCF-25 antibody (clone PCRP-TCF25-1A11) as confirmation of integrity and purity.

Description

Nulp1 (nuclear localized protein 1), also known as TCF25 (transcription factor 25 (basic helix-loop-helix)), Hulp1 or FKSG26, is a 676 amino acid protein that plays a role in cell death. A member of the TCF25 family, Nulp1 utilizes its C-terminus to mediate transcriptional repression of SRF in vitro, and interacts with XIAP. Nulp1 localizes primarily to the nucleus but is also found in cytosol. Widely expressed, Nulp1 is found at high levels in embryonic brain and adult heart. The gene encoding Nulp1 maps to human chromosome 16q24.3, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn s disease, which is a gastrointestinal inflammatory condition.

Application Notes

Optimal dilution of the TCF-25 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human Transcription factor 25 protein was used as the immunogen for the TCF-25 antibody.

Storage

Aliquot the TCF-25 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.