

ETS2 Antibody / C-ets-2 [clone PCRP-ETS2-1D9] (V8921)

Catalog No.	Formulation	Size
V8921-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8921-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8921SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

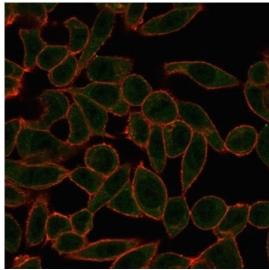
[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	PCRP-ETS2-1D9
Purity	Protein A/G affinity
UniProt	P15036
Localization	Nucleus, cytoplasm, plasma membrane
Applications	ELISA (order BSA-free Format For Coating) : Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This ETS2 antibody is available for research use only.

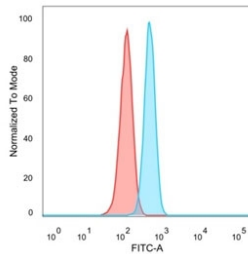
Human Protein Microarray Specificity Validation



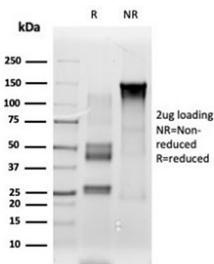
Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ETS2 antibody (clone PCRP-ETS2-1D9). These results demonstrate the foremost specificity of the PCRP-ETS2-1D9 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination 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.



Immunofluorescent staining of PFA-fixed human HeLa cells using ETS2 antibody (green, clone PCRP-ETS2-1D9) and phalloidin (red).



FACS staining of PFA-fixed human HeLa cells with ETS2 antibody (blue, clone PCRP-ETS2-1D9) and isotype control (red).



SDS-PAGE analysis of purified, BSA-free ETS2 antibody (clone PCRP-ETS2-1D9) as confirmation of integrity and purity.

Description

ETS2 (Protein C-ets-2) is a large glycoprotein that is secreted by Cajal-Retzius cells in the forebrain and by granule neurons in the cerebellum. ETS2 was shown to be mutated in reeler mice, a mutation that is associated with widespread disruption of laminated regions of the brain, leading to impaired motor coordination, tremors and ataxia. ETS2 protein expression is complex and changes throughout development. ETS2 appears to function upstream of Dab1, in a signaling pathway that controls cell positioning in the developing brain, and is also thought to be a direct effector of the neurotrophin BDNF.

Application Notes

Optimal dilution of the ETS2 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human ETS2 protein was used as the immunogen for the ETS2 antibody.

Storage

Aliquot the ETS2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

