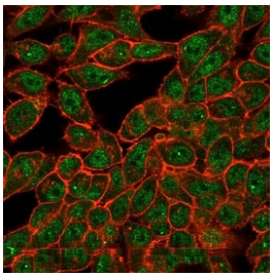
CELF2 Antibody / CUGBP2 / ETR3 [clone PCRP-CELF2-1E4] (V9365)

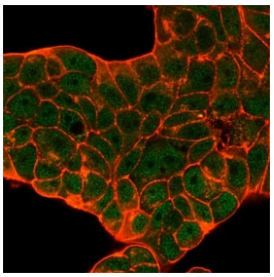
Catalog No.	Formulation	Size
V9365-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9365-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9365SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

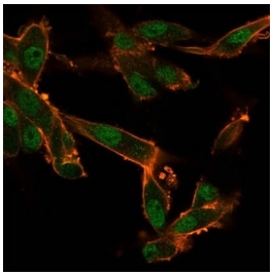
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	PCRP-CELF2-1E4
Purity	Protein A/G affinity
UniProt	O95319
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml)
Limitations	This CELF2 antibody is available for research use only.



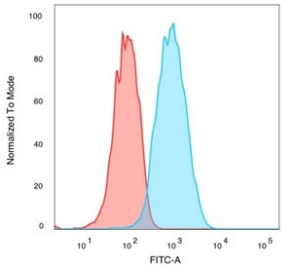
Immunofluorescent staining of PFA-fixed human HeLa cells using CELF2 antibody (green) and phalloidin (red).



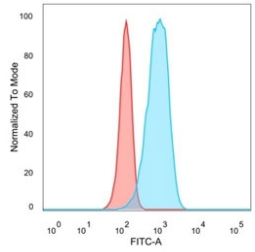
Immunofluorescent staining of PFA-fixed human MCF-7 cells using CELF2 antibody (green) and phalloidin (red).



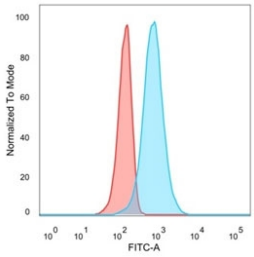
Immunofluorescent staining of human U-87 cells using CELF2 antibody (green) and phalloidin (red).



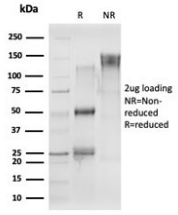
FACS staining of PFA-fixed human MCF7 cells with CELF2 antibody (blue) and unstained cells (red).



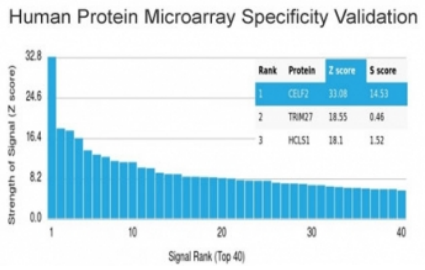
FACS staining of PFA-fixed human HeLa cells with CELF2 antibody (blue) and unstained cells (red).



FACS staining of PFA-fixed human U-87 cells with CELF2 antibody (blue) and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free CELF2 antibody as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using CELF2 antibody (clone PCRP-CELF2-1E4). These results demonstrate the foremost specificity of the PCRP-CELF2-1E4 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

Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the CELF2 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human CELF2/CUGBP2 protein was used as the immunogen for the CELF2 antibody.

Storage

Aliquot the CELF2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.