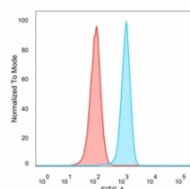


FRA2 Antibody / FOSL2 [clone PCRPFOSL2-1B1] (V8958)

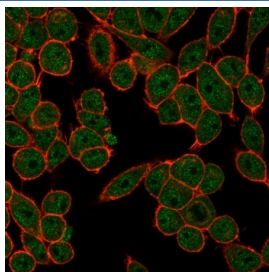
Catalog No.	Formulation	Size
V8958-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8958-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8958SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

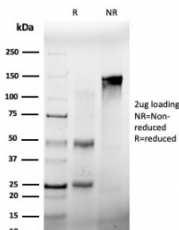
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	PCRPFOSL2-1B1
Purity	Protein A/G affinity
UniProt	P15408
Localization	Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml
Limitations	This FRA2 antibody is available for research use only.



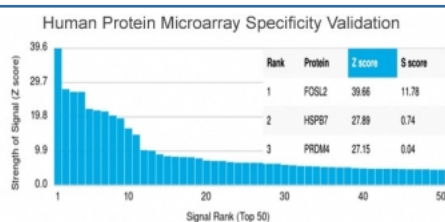
FACS staining of PFA-fixed human HeLa cells with FRA2 antibody (blue, clone PCRPFOSL2-1B1), and isotype control (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using FRA2 antibody (green, clone PCR-P-FOSL2-1B1) and phalloidin (red).



SDS-PAGE analysis of purified, BSA-free FRA2 antibody (PCR-P-FOSL2-1B1) as confirmation of integrity and purity.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using FRA2 antibody (clone PCR-P-FOSL2-1B1). These results demonstrate the foremost specificity of the PCR-P-FOSL2-1B1 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

The Fos related gene, Fra-2, was initially molecularly cloned from chicken genomic DNA and shown to represent a new member of the immediate early gene family. The human counterpart of the chicken Fra-2 gene has since been described. Sequence alignment shows that the amino acid sequences conserved among Fra-2, c-Fos, Fra-1 and Fos B are contained in five regions. Region 2, the longest and most highly conserved region, contains the leucine zipper structure and the basic region, suggesting that like Fos, Fra-1 and Fos B, Fra-2 also forms heterodimers with c-Jun that recognize a specific DNA sequence such as the binding site for transcription factor AP-1. Such a model is further supported by the finding that the Fra-2 gene product forms a complex with c-Jun in growth-stimulated cells

Application Notes

Optimal dilution of the FRA2 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human FOSL2 protein was used as the immunogen for the FRA2 antibody.

Storage

Aliquot the FRA2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

