

Fos-related antigen 2 (FRA-2) / FOS-like antigen 2 (FOSL2) Antibody

Mouse Monoclonal Antibody [Clone PCRPF-FOSL2-1B1]

Catalog No	Format	Size
2355-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2355-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2355-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

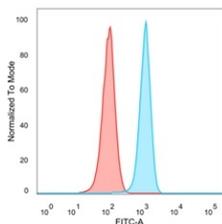
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

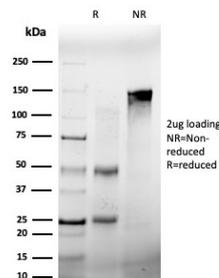
Clone	PCRPF-FOSL2-1B1
Gene Name	FOSL2
Immunogen	Recombinant full-length human FOSL2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	40kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa, MCF7 or 293T cells.

*Optimal dilution for a specific application should be determined.

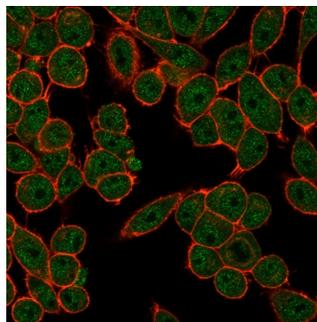
Product Images for Fos-related antigen 2 (FRA-2) / FOS-like antigen 2 (FOSL2) Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. FOSL2 Mouse Monoclonal Antibody (PCRPF-FOSL2-1B1) followed by goat anti-mouse IgG-CF488 (blue), isotype control (red).



SDS-PAGE Analysis of Purified FOSL2 Mouse Monoclonal Antibody (PCRPF-FOSL2-1B1). Confirmation of Purity and Integrity of Antibody.



Immunofluorescence Analysis of PFA-fixed HeLa cells using FOSL2 Mouse Monoclonal Antibody (PCRP-FOSL2-1B1) followed by goat anti-mouse IgG-CF488 (green). Counterstain is phalloidin.

Analysis of Protein Array containing more than 19,000 full-length human proteins using FOSL2 Mouse Monoclonal Antibody (PCRP-FOSL2-1B1). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

Specificity & Comments

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

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Nuclear Marker