

KLF12 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-KLF12-1E3]

Catalog No	Format	Size
11278-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
11278-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
11278-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

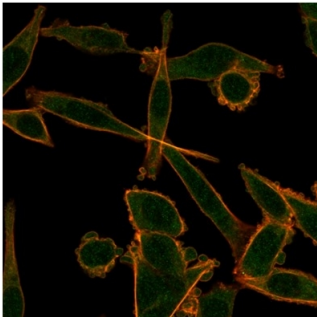
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

Product Details

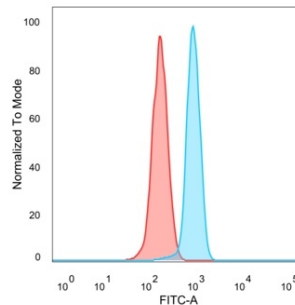
Clone	PCR-P-KLF12-1E3
Gene Name	KLF12
Immunogen	Recombinant full-length human KLF12 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	44.24kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	HeLa or 293T cells. Human lymph node, spleen or colon.

*Optimal dilution for a specific application should be determined.

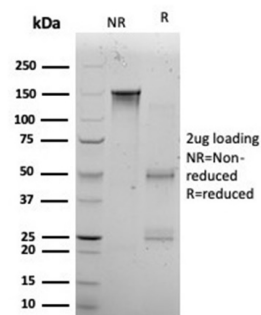
Product Images for KLF12 Antibody



Immunofluorescence analysis of PFA-fixed HeLa cells. KLF12 Mouse Monoclonal Antibody (PCR-P-KLF12-1E3) followed by goat anti-mouse IgG-CF488 (green).



Flow cytometric analysis of PFA-fixed HeLa cells. KLF12 Mouse Monoclonal Antibody (PCR-P-KLF12-1E3) followed by goat anti-mouse IgG-CF488 (blue), unstained cells (red).



SDS-PAGE Analysis of Purified KLF12 Mouse Monoclonal Antibody (PCR-P-KLF12-1E3). Confirmation of Purity and Integrity of Antibody.

Analysis of Protein Array containing more than 19,000 full-length human proteins using KLF12 Mouse Monoclonal Antibody (PCR-P-KLF12-1E3). 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

Activator protein-2 alpha (AP-2 alpha) is a developmentally-regulated transcription factor and important regulator of gene expression during vertebrate development and carcinogenesis. The protein encoded by this gene is a member of the Kruppel-like zinc finger protein family and can repress expression of the AP-2 alpha gene by binding to a specific site in the AP-2 alpha gene promoter. Repression by the encoded protein requires binding with a corepressor, CtBP1. Two transcript variants encoding different isoforms have been found for this gene.

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

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.