

MEIS2 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone PCR-P-MEIS2-2B3]

Catalog No	Format	Size
4212-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4212-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4212-MSM1-P1ABX	Purified Ab WITHOUT BSA at 1.0mg/ml	100 ug

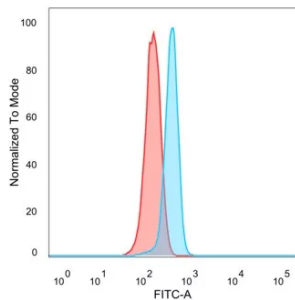
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

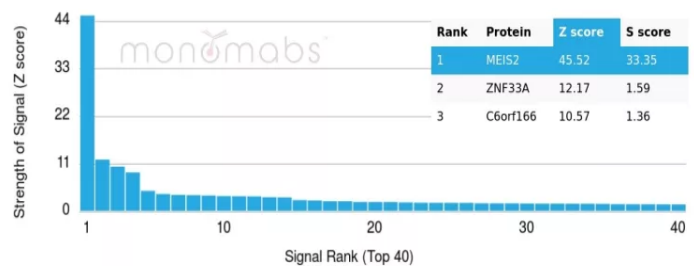
Clone	PCR-P-MEIS2-2B3
Gene Name	MEIS2
Immunogen	Recombinant fragment of human MEIS2
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a / Kappa
Mol. Weight of Antigen	51.79 kDa
Cellular Localization	Nucleus. Nucleoplasm. Cytoplasm.
Species Reactivity	Human
Positive Control	Expressed in various tissues. Ubiquitous nuclear expression.

*Optimal dilution for a specific application should be determined.

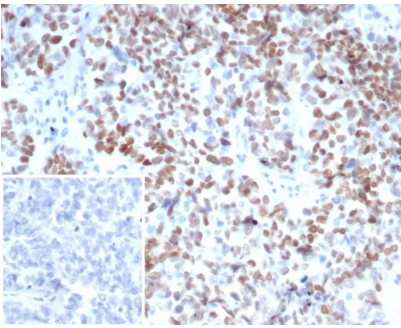
Product Images for MEIS2 (Transcription Factor) Antibody



Flow cytometric analysis of PFA-fixed HeLa cells. MEIS2 Mouse Monoclonal Antibody (PCR-P-MEIS2-2B3) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



Analysis of Protein Array containing more than 19,000 full-length human proteins using MEIS2 Mouse Monoclonal Antibody (PCR-P-MEIS2-2B3). 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 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.



Formalin-fixed, paraffin-embedded human ovarian carcinoma stained with MEIS2 Mouse Monoclonal Antibody (PCRP-MEIS2-2B3). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

This gene encodes a homeobox protein belonging to the TALE ('three amino acid loop extension') family of homeodomain-containing proteins. TALE homeobox proteins are highly conserved transcription regulators, and several members have been shown to be essential contributors to developmental programs. Multiple transcript variants encoding distinct isoforms have been described for this gene.

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

Mast Cell Marker, Nuclear Marker
