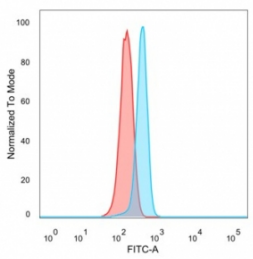
MEIS2 Antibody [clone PCRP-MEIS2-2B3] (V4382)

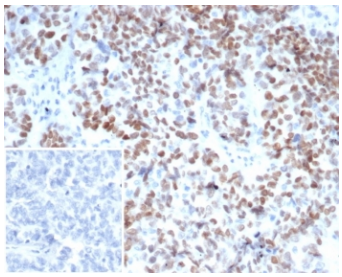
Catalog No.	Formulation	Size
V4382-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4382-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4382SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

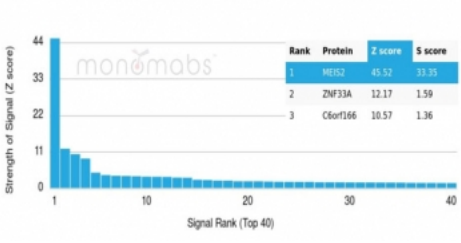
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	PCRP-MEIS2-2B3
Purity	Protein A/G affinity
UniProt	O14770
Localization	Nucleus, Cytoplasm
Applications	Flow cytometry: 1-2ug/million cells Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This MEIS2 antibody is available for research use only.



Flow cytometry testing of PFA-fixed human HeLa cells with MEIS2 antibody (clone PCRP-MEIS2-2B3) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).



IHC staining of FFPE human ovarian carcinoma tissue with MEIS2 antibody (clone PCRP-MEIS2-2B3). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Analysis of a HuProt(TM) microarray containing more than 19,000 full-length human proteins using MEIS2 antibody (clone PCRP-MEIS2-2B3). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (in combination with a fluorescently-tagged anti-IgG secondary antibody) 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 targets on 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-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.

Description

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.

Application Notes

Optimal dilution of the MEIS2 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human MEIS2 protein was used as the immunogen for the MEIS2 antibody.

Storage

Aliquot the MEIS2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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