CEBPZ Antibody

Mouse Monoclonal Antibody [Clone PCRP-CEBPZ-2D8]

Catalog No	Format	Size
10153-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10153-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10153-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

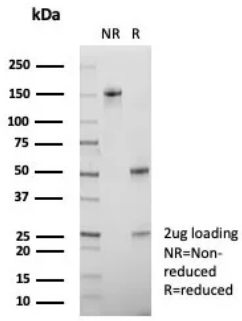
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

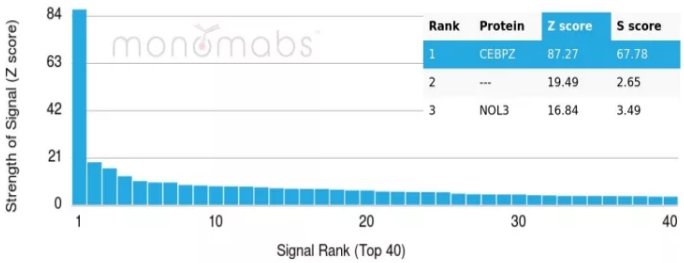
Clone	PCRP-CEBPZ-2D8
Gene Name	CEBPZ
Immunogen	Protein domain of CEBPZ protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2c
Mol. Weight of Antigen	121kDa
Cellular Localization	Nucleus.
Species Reactivity	Human
Positive Control	Human skin or placenta. HeLa cells.

**Optimal dilution for a specific application should be determined.*

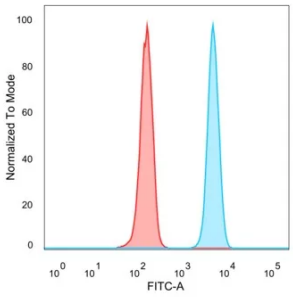
Product Images for CEBPZ Antibody



SDS-PAGE Analysis of Purified CEBPZ Mouse Monoclonal Antibody (PCRP-CEBPZ-2D8). Confirmation of Purity and Integrity of Antibody.



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing CEBPZ Mouse Monoclonal (PCRP-CEBPZ-2D8). 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 HuProtTM 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 HuProtTM 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.



Flow Cytometric Analysis of PFA-fixed HeLa cells. CEBPZ Mouse Monoclonal Antibody (PCRP-CEBPZ-2D8) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

C/EBP ? (CCAAT/enhancer-binding protein ?), also known as CBF, CBF2, NOC1 or HSP-CBF is a 1,054 amino acid nuclear protein belonging to the CBF/MAK21 family. C/EBP ? stimulates transcription from the HSP70 and HSP40 promoters in a NF-Y dependent manner, requiring an intact NF-Y trimer which binds to the DNA. C/EBP ? is thought to be a potential tumor suppressor gene, and aberrant methylation of the C/EBP ? promoter may be involved with acute myeloid leukemia. The C/EBP ? gene is conserved in a wide number of species including chimpanzee, canine, bovine, mouse, rat, chicken, zebrafish and C. elegans and is located on human chromosome 2. Chromosome 2, the second largest human chromosome, consists of 237 million bases encoding over 1,400 genes, comprising approximately 8% of the human genome. A number of genetic diseases are linked to genes on chromosome 2.

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.

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.