

BATF3 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-BATF3-1E5]

Catalog No	Format	Size
55509-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55509-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55509-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

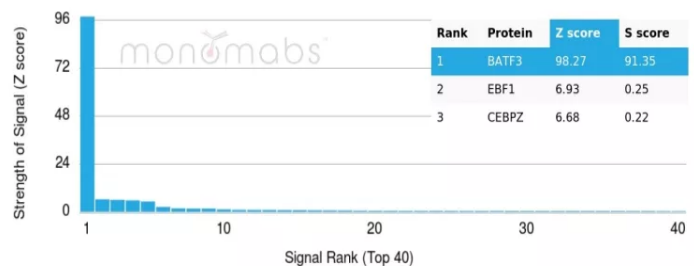
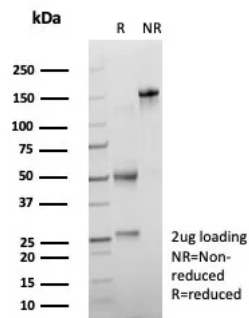
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	PCR-P-BATF3-1E5
Gene Name	BATF3
Immunogen	Recombinant fragment (around aa1-123) of human BATF3 protein (N-terminus)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	14.47kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human tonsil. HeLa or HDLM-2 cells.

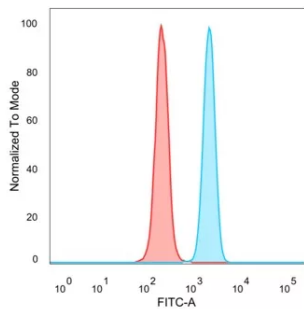
*Optimal dilution for a specific application should be determined.

Product Images for BATF3 Antibody



SDS-PAGE Analysis of Purified BATF3 Mouse Monoclonal Antibody (PCR-P-BATF3-1E5). Confirmation of Purity and Integrity of Antibody.

Analysis of Protein Array containing more than 19,000 full-length human proteins using BATF3 Mouse Monoclonal (PCR-P-BATF3-1E5). 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.



Flow Cytometric Analysis of PFA-fixed HeLa cells. BATF3 Mouse Monoclonal Antibody (PCRP-BATF3-1E5) followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).

Specificity & Comments

SNFT, also known as BATF3 (basic leucine zipper transcription factor, ATFlike 3), JUNDM1 or JDP1, is a 127 amino acid protein that localizes to the nucleus and contains one bZIP domain. Interacting with c-Jun, SNFT functions as a negative regulator of AP-1-mediated transcription, specifically by heterodimerizing with c-Jun and binding to DNA response elements. The gene encoding SNFT maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson s disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

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

Dendritic Cell Marker, Nuclear Marker