Fas (TNFRSF6) associated factor 1 Antibody

Mouse Monoclonal Antibody [Clone CPTC-FAF1-2]

Catalog No	Format	Size
11124-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
11124-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
11124-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

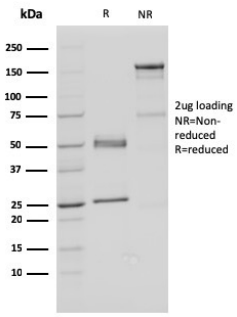
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

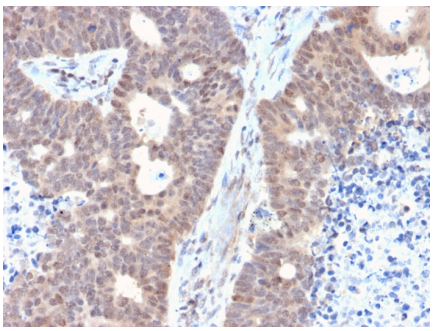
Clone	CPTC-FAF1-2
Gene Name	FAF1
Immunogen	Recombinant human full-length FAF1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	75-80kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	breast carcinoma or colon carcinoma., HEK293, HeLa whole cell lysate. Human testis, MCF7, HDLM-2, prostate

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

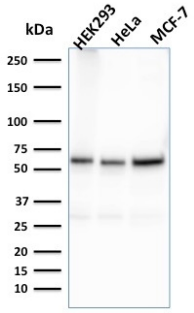
Product Images for Fas (TNFRSF6) associated factor 1 Antibody



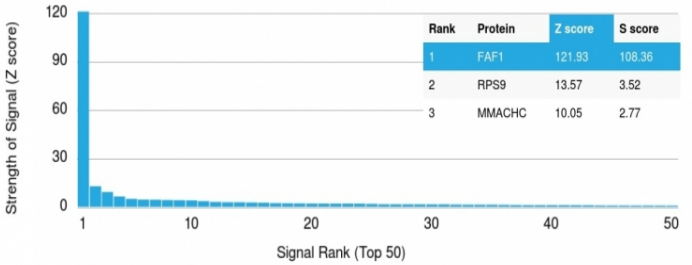
SDS-PAGE Analysis Purified FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2). Confirmation of Purity and Integrity of Antibody.



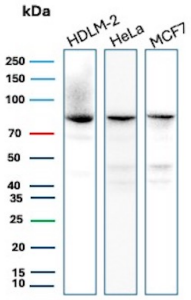
Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2).



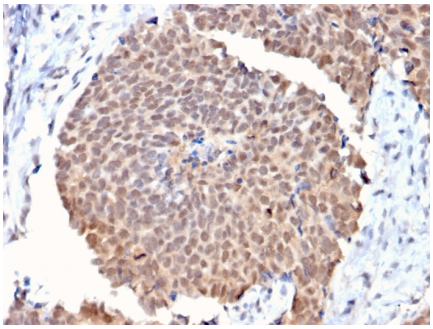
Western Blot Analysis of HEK293, HeLa, MCF-7 cell lysates using Purified FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2).



Analysis of Protein Array containing more than 19,000 full-length human proteinsusing Fas (TNFRSF6) associated factor 1 Monoclonal Antibody (CPTC-FAF1-2). 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.



Western Blot Analysis of HDLM-2, HeLa and MCF7 cell lysates usingTNFRSF6 Mouse Monoclonal Antibody (CPTC-FAF1-2).



Formalin-fixed, paraffin-embedded human Breast Cancer stained with FAF1 Mouse Monoclonal Antibody (CPTC-FAF1-2).

Specificity & Comments

In contrast to growth factors which promote cell proliferation, FAS ligand (FAS-L) and the tumor necrosis factors (TNFs) rapidly induce apoptosis. Cellular response to FAS-L and TNF is mediated by structurally related receptors containing a conserved 'death domain' and belonging to the TNF receptor superfamily. TRADD, FADD and RIP are FAS/TNF-RI interacting proteins that contain a death domain homologous region (DDH). TRADD (TNF-RI-associated death domain) and FADD (FAS-associated death domain) associate with the death domains of both FAS and TNF-RI via their DDH regions, while RIP associates exclusively with FAS. An additional FAS interacting protein designated FAF1, for FAS-associated protein factor-1, binds with the cytoplasmic tail of wildtype but not LPR mutant FAS. When overexpressed in cells, FAF1 enhances the efficiency of FAS-mediated apoptosis. In contrast to TRADD, FADD and RIP, FAF1 lacks a DDH and cannot induce apoptosis independently of FAS activation.

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

Apoptosis, Autophagy, Cardiovascular

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.

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