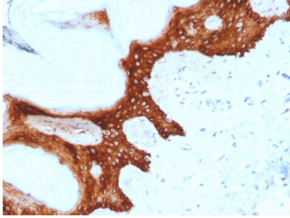


Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] - BSA and Azide free (A251928)**Specifications:**

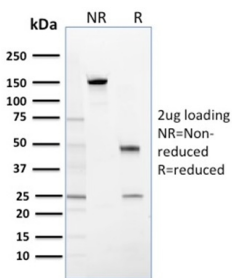
Name:	Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] - BSA and Azide free
Description:	Mouse monoclonal [CPTC-SFN-2] antibody to 14-3-3 Sigma.
Specificity:	SFN (stratifin) is a p53-induced tumor suppressor gene which is activated in response to DNA damage, causing cell cycle arrest at G2 phase by blocking cdc2-cyclin B1 complex from entering the nucleus. It is inactivated in breast, lung, prostate, liver and gastric cancer. It is associated with poor prognosis when its down-regulation is observed in epithelial ovarian cancer. SFN expression could contribute to cancer cell proliferation and the development and/or progression of human gastrointestinal cancer.
Applications:	WB, IHC-P
Recommended Dilutions:	WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human SFN protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	CPTC-SFN-2
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] (A248746).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] - BSA and Azide free (A251928)

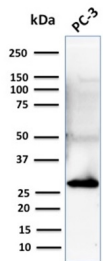
Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human skin using Anti-14-3-3 Sigma Antibody [CPTC-SFN-2].



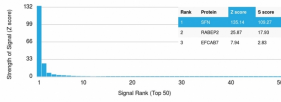
SDS-PAGE analysis of Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Western blot analysis of human PC3 cell lysate using Anti-14-3-3 Sigma Antibody [CPTC-SFN-2].

Anti-14-3-3 Sigma Antibody [CPTC-SFN-2] - BSA and Azide free (A251928)

Images continued:



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-14-3-3 Sigma Antibody [CPTC-SFN-2]. Z-Score 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 be 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.