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SFN Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full-length recombinant SFN.
Catalog # AT3841a

Product Information

Application	WB, IF, E
Primary Accession	P31947
Other Accession	BC000329
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2G2
Calculated MW	27774

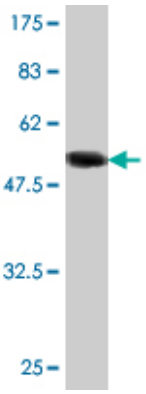
Additional Information

Gene ID	2810
Other Names	14-3-3 protein sigma, Epithelial cell marker protein 1, Stratifin, SFN, HME1
Target/Specificity	SFN (AAH00329.1, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SFN Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

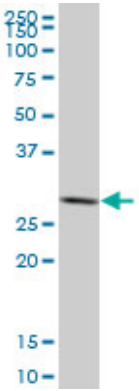
References

Hypermethylated 14-3-3-sigma and ESR1 gene promoters in serum as candidate biomarkers for the diagnosis and treatment efficacy of breast cancer metastasis. Zurita M, et al. BMC Cancer, 2010 May 20. PMID 20487521.The expression of seven 14-3-3 isoforms in human meningioma. Liu Y, et al. Brain Res, 2010 Jun 8. PMID 20388496.[Expression and clinical significance of 14-3-3 sigma and heat shock protein 27 in colorectal cancer] Pei HP, et al. Zhonghua Wei Chang Wai Ke Za Zhi, 2010 Mar. PMID 20336542.Reduced stratifin expression can serve as an independent prognostic factor for poor survival in patients with esophageal squamous cell carcinoma. Ren HZ, et al. Dig Dis Sci, 2010 Sep. PMID 20108042.Up-regulation of 14-3-3sigma (Stratifin) is associated with high-grade CIN and high-risk human papillomavirus (HPV) at baseline but does not predict outcomes of HR-HPV infections or incident CIN in the LAMS study. Syrj?nen S, et al. Am J Clin Pathol, 2010 Feb. PMID 20093232.

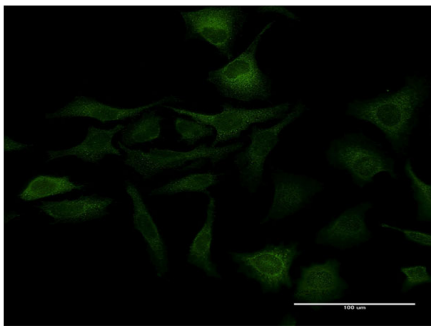
Images



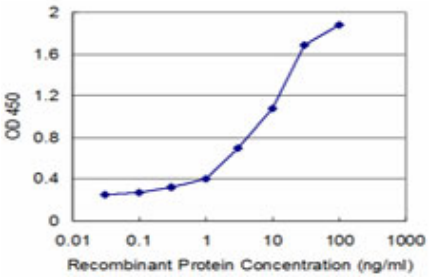
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (53.02 KDa) .



SFN monoclonal antibody (M02), clone 2G2. Western Blot analysis of SFN expression in U-2 OS ((Cat # AT3841a)



Immunofluorescence of monoclonal antibody to SFN on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged SFN is approximately 0.03ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.