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SFN Antibody (monoclonal) (M02)

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

Specification

SFN Antibody (monoclonal) (M02) - Product Information

Application	**IF, WB, E**
Primary Accession	P31947
Other Accession	BC000329
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**27774**

SFN Antibody (monoclonal) (M02) - 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

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.

SFN Antibody (monoclonal) (M02) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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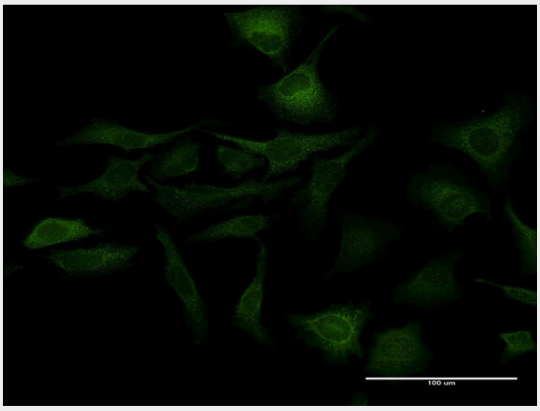
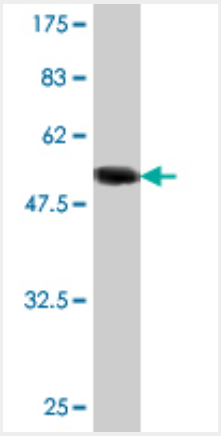
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

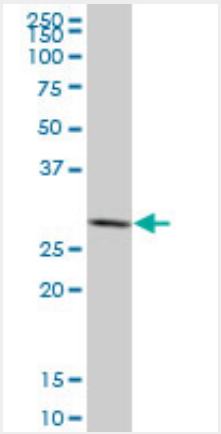
SFN Antibody (monoclonal) (M02) - Images



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



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)

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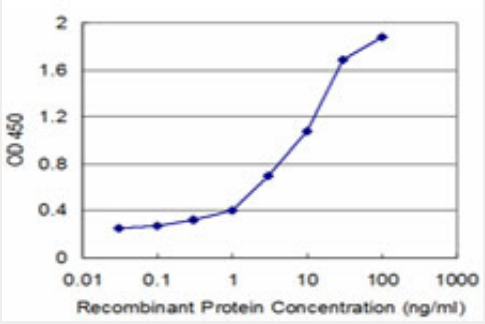

Detection limit for recombinant GST tagged SFN is approximately 0.03ng/ml as a capture antibody.

SFN Antibody (monoclonal) (M02) - 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.