

**SFN Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant SFN.

Catalog # AT3840a

**Specification**

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**SFN Antibody (monoclonal) (M01) - Product Information**

Application	IP, WB, IHC
Primary Accession	<a href="#">P31947</a>
Other Accession	<a href="#">BC000329</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	27774

**SFN Antibody (monoclonal) (M01) - 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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

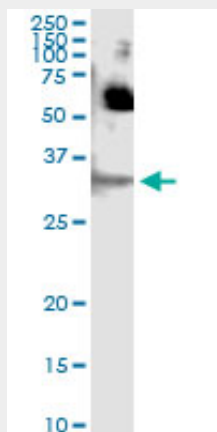
**SFN Antibody (monoclonal) (M01) - Protocols**

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

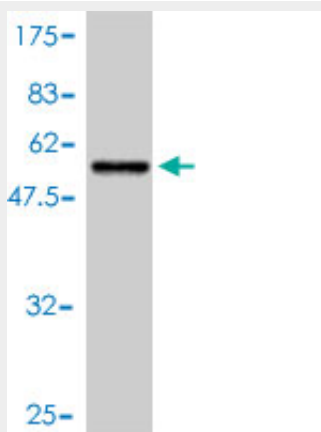
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

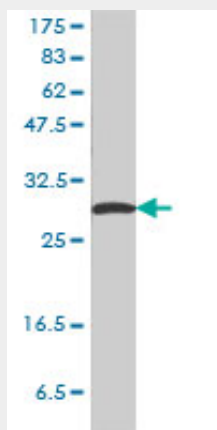
### SFN Antibody (monoclonal) (M01) - Images



Immunoprecipitation of SFN transfected lysate using anti-SFN monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with SFN MaxPab rabbit polyclonal antibody.

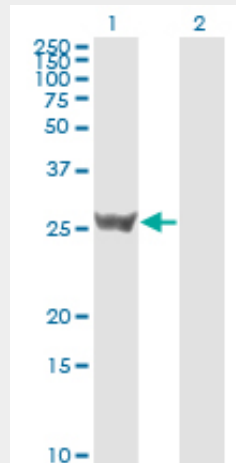


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.02 KDa) .



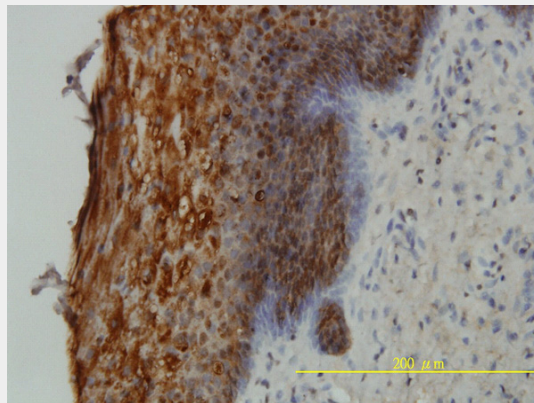
SFN monoclonal antibody (M01), clone 3C3 Western Blot analysis of SFN expression in HeLa ( (Cat

# AT3840a )



Western Blot analysis of SFN expression in transfected 293T cell line by SFN monoclonal antibody (M01), clone 3C3.

Lane 1: SFN transfected lysate(27.8 KDa).  
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to SFN on formalin-fixed paraffin-embedded human uterine cervix tissue. [antibody concentration 5 ug/ml]

### **SFN Antibody (monoclonal) (M01) - References**

1. An inverse switch in DNA base excision and strand break repair contributes to melphalan resistance in multiple myeloma cells. Sousa MM, Zub KA, Aas PA, Hanssen-Bauer A, Demirovic A, Sarno A, Tian E, Liabakk NB, Slupphaug G. *PLoS One*. 2013;8(2):e55493. doi: 10.1371/journal.pone.0055493. Epub 2013 Feb 6.