

SFN Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SFN.

Catalog # AT3840a

Specification

SFN Antibody (monoclonal) (M01) - Product Information

Application	IP, WB, IHC
Primary Accession	P31947
Other Accession	BC000329
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 .

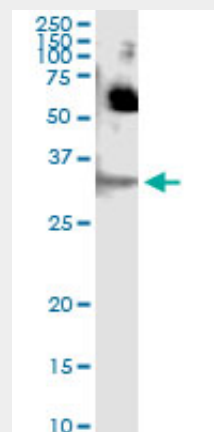
Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

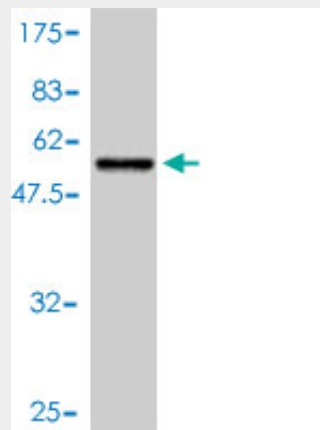
Precautions

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

SFN Antibody (monoclonal) (M01) - Protocols



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



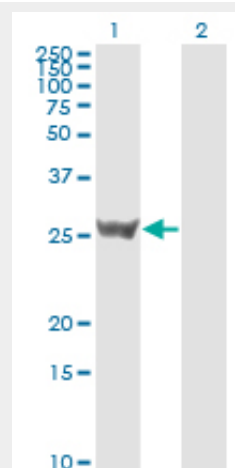
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.02 KDa) .

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](#)

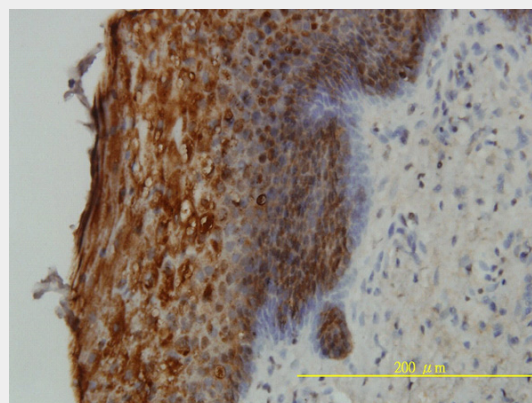


SFN monoclonal antibody (M01), clone 3C3
Western Blot analysis of SFN expression in HeLa (Cat # AT3840a)



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.