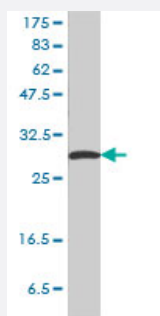


SFN monoclonal antibody (M01), clone 3C3

Catalog # H00002810-M01

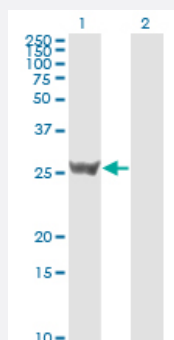
Size 100 ug

Applications



Western Blot (Cell lysate)

SFN monoclonal antibody (M01), clone 3C3 Western Blot analysis of SFN expression in HeLa (Cat # L013V1).

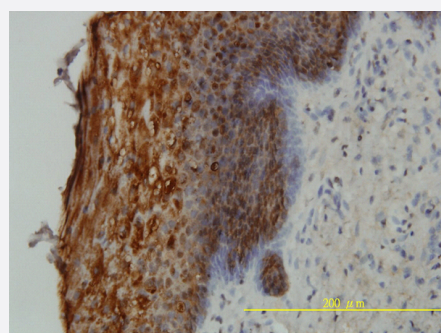


Western Blot (Transfected lysate)

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

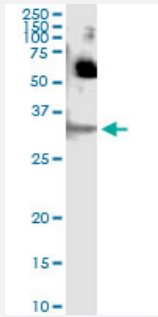
Lane 1: SFN transfected lysate(27.8 KDa).

Lane 2: Non-transfected lysate.



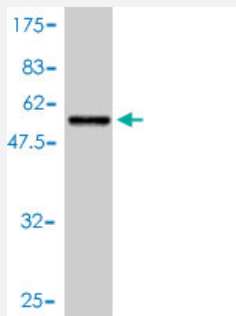
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Immunoprecipitation

Immunoprecipitation of SFN transfected lysate using anti-SFN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SFN MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (53.02 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SFN.
Immunogen	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.
Sequence	MERASLIQKAKLAEQAERYEDMAAFMKGAVEKGEELSCEERNLLSVAYKNVVGGQRAAWRVLS SIEQKSNEEGSEEKGPEVREYREKAETELQGVCDTVGLLLDSHLIKEAGDAESRVFYLKMKGDYY RYLAEVATGDDKKRIIDSARSAYQEAMDISKKEMPPTNPRLGLALNFSVFHYEIANSPEEAISLAKT TFDEAMADLHTLSEDSYKDSTLIMQLLRDNLTLWTADNAGEEGGEAPQEPQS
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (53.02 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

SFN monoclonal antibody (M01), clone 3C3 Western Blot analysis of SFN expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of SFN transfected lysate using anti-SFN monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with SFN MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — SFN

Entrez GeneID	2810
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GeneBank Accession#	BC000329
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Protein Accession#	AAH00329.1
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Gene Name	SFN
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Gene Alias	YWHAS
Gene Description	stratifin
Omim ID	601290
Gene Ontology	Hyperlink
Other Designations	14-3-3 sigma OTTHUMP00000004242

Publication Reference

- [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 Feb; 8(2):e55493.

Application: WB, Human, 8226 cells, 8226-LR5 cells

Pathway

- [Cell cycle](#)
- [p53 signaling pathway](#)