

SRC1 Monoclonal Antibody (1135/H4)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Non-human primate
Published Species	Rat, Non-human primate, Mouse, Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1135/H4
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues 477-947 of human SRC-1.
Form	Liquid
Concentration	1 mg/mL
Purification	purified
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2150919

Applications	Tested	Dilution	Published
ChIP assay (ChIP)	✓	5 µL / 10 ⁶ cells	2 Publications
Immunoprecipitation (IP)	✓	Assay dependent	2 Publications
Western Blot (WB)	✓	1:500-1:5000	8 Publications
Immunohistochemistry (IHC)	-		2 Publications
Flow Cytometry (Flow)	✓	1 µg / 10 ⁶ cells	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:200	

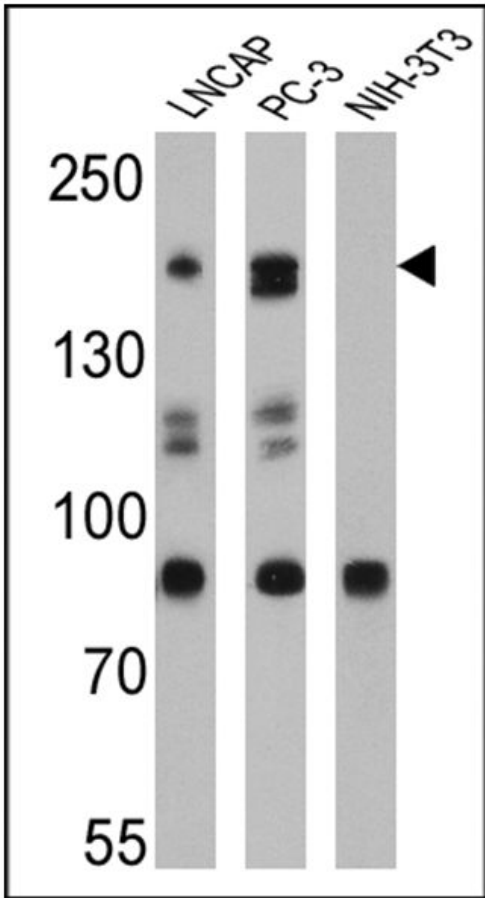
Product Specific Information

MA1-840 detects steroid receptor coactivator-1 (SRC-1) from mouse and primate tissues and cells as well as recombinant human SRC-1 protein.

MA1-840 has been successfully used in Western blot and immunoprecipitation procedures. By Western blot MA1-840 detects an ~165 kDa protein representing SRC-1 in COS cell extract. Also by Western blot, MA1-840 detects an unidentified protein at ~30-40 kDa. This antibody does not react with NIH-3T3 cells in Western blot.

The MA1-840 immunogen is a synthetic peptide corresponding to residues 477-947 of human SRC-1. The epitope for MA1-840 has been mapped to the extreme C-terminal end of this fragment.

Product Images For SRC1 Monoclonal Antibody (1135/H4)



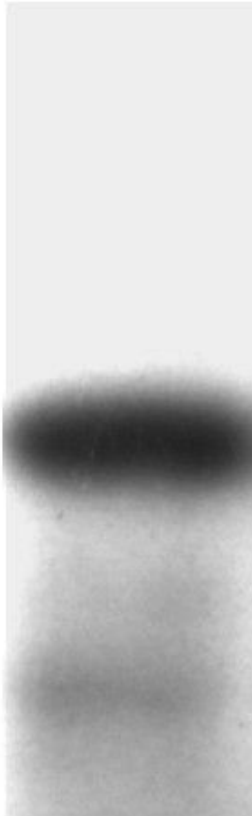
SRC1 Antibody (MA1-840) in WB

Western blot analysis of SRC1 was performed by loading 25 μ g of LNCaP (lane 1), PC-3 (lane 2) and NIH-3T3 (lane 3) cell lysates onto an SDS polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked at 4°C overnight. The membrane was probed with a SRC1 monoclonal antibody (Product # MA1-840) at a dilution of 1:2000 overnight at 4°C, washed in TBST, and probed with an HRP-conjugated secondary antibody for 1 hr at room temperature in the dark. Chemiluminescent detection was performed using Pierce ECL Plus Western Blotting Substrate (Product # 32132). Results show a band at ~152 and ~157 kDa.

Fig. 1

173 kDa-

111 kDa-



SRC1 Antibody (MA1-840) in WB

Western blot detection of SRC-1 on COS cells using Product # MA1-840.

14 References

ChIP assay (2)

Developmental biology

Nuclear receptor corepressors Ncor1 and Ncor2 (Smrt) are required for retinoic acid-dependent repression of Fgf8 during somitogenesis.

"MA1840 was used in ChIP assay to propose a model in which NCOR1/2 mediates retinoic acid-dependent repression of Fgf8 in caudal progenitors"

Authors: Kumar S,Cunningham TJ,Duester G

Species

Mouse
Not Applicable

Dilution

Not Cited
Not Cited

Year

2016

The Journal of biological chemistry

Nuclear coactivator-62 kDa/Ski-interacting protein is a nuclear matrix-associated coactivator that may couple vitamin D receptor-mediated transcription and RNA splicing.

"MA1-840 was used in chromatin immunoprecipitation to investigate the role of nuclear coactivator-62 kDa/Ski-interacting protein (NCoA62/SKIP) during the vitamin D receptor (VDR)-mediated transcription and RNA splicing."

Authors: Zhang C,Dowd DR,Staal A,Gu C,Lian JB,van Wijnen AJ,Stein GS,MacDonald PN

Species

Rat

Dilution

Not Cited

Year

2003

Immunoprecipitation (2)

Nucleic acids research

SIP1/NHERF2 enhances estrogen receptor alpha transactivation in breast cancer cells.

"MA1-840 was used in immunoprecipitation and western blot to study the role of NHERF2 as an ER-alpha co-activator in breast cancer cells"

Authors: Meneses-Morales I,Tecalco-Cruz AC,Barrios-García T,Gómez-Romero V,Trujillo-González I,Reyes-Carmona S,García-Zepeda E,Méndez-Enríquez E,Cervantes-Roldán R,Pérez-Sánchez V,Recillas-Targa F,Mohar-Betancourt A, León-Del-Río A

Species

Human

Dilution

Not Cited

Year

2014

Cancer research

D538G mutation in estrogen receptor-: A novel mechanism for acquired endocrine resistance in breast cancer.

"MA1-840 was used in immunoprecipitation to study the role of ER-alpha D538G mutation in mediating acquired resistance to hormone therapy in breast cancer patients"

Authors: Merenbakh-Lamin K,Ben-Baruch N,Yeheskel A,Dvir A,Soussan-Gutman L,Jeselsohn R,Yelensky R,Brown M, Miller VA,Sarid D,Rizel S,Klein B,Rubinek T,Wolf I

Species

Human

Dilution

Not Cited

Year

2013

More applications with references on thermofisher.com

WB (8)

IHC (2)

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