

# SRC1 Monoclonal Antibody (1135/H4)

## Product Details

Size	100 $\mu$ L
Species Reactivity	Human, Mouse, Non-human primate
Published Species	Rat, Non-human primate, Mouse, Human
Host/Isotype	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	Publications
Western Blot (WB)	1:500-1:5000	8 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200	-
Flow Cytometry (Flow)	1 $\mu$ g / $10^6$ cells	-
Immunoprecipitation (IP)	Assay dependent	3 Publications
ChIP assay (ChIP)	5 $\mu$ L / $10^6$ cells	2 Publications

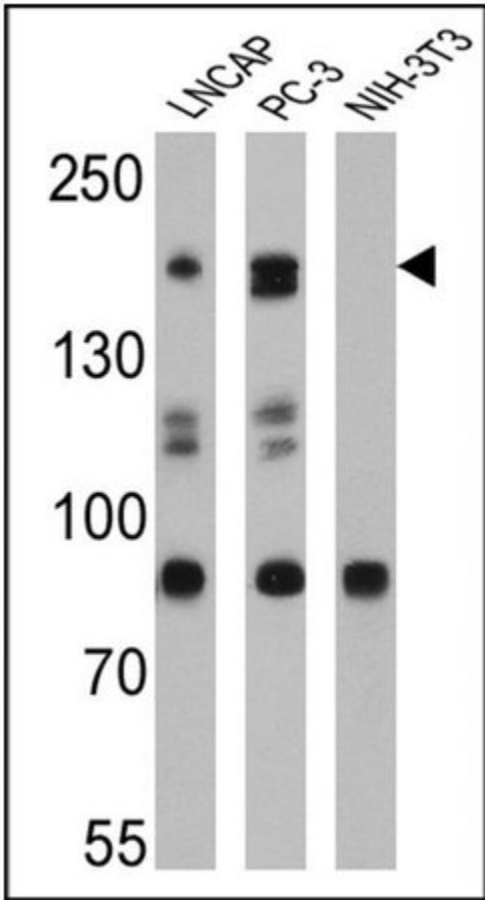
## Product Specific Information

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)



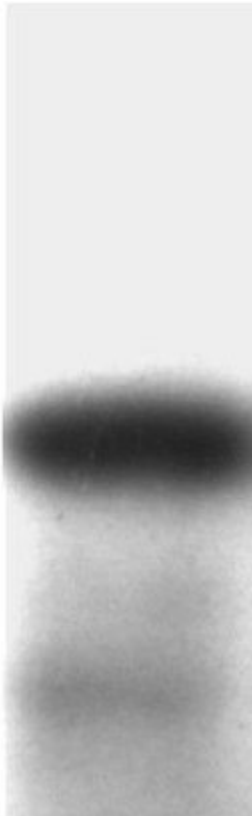
### SRC1 Antibody (MA1-840) in WB

Western blot analysis of SRC1 was performed by loading 25  $\mu$ 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.

15 References

Western Blot (8)

Molecular endocrinology (Baltimore, Md.)

**Role of steroid receptor coactivators in glucocorticoid and transforming growth factor beta regulation of plasminogen activator inhibitor gene expression.**

"MA1-840 was used in western blot to study the regulation of plasminogen activator inhibitor gene expression through steroid receptor coactivators."

Authors: Li G,Heaton JH,Gelehrter TD

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2006

Proceedings of the National Academy of Sciences of the United States of America

**Ordered recruitment of histone acetyltransferases and the TRAP/Mediator complex to thyroid hormone-responsive promoters in vivo.**

"MA1-840 was used in western blot to study the role of histone acetylation in TRAP/Mediator complex recruitment and function."

Authors: Sharma D,Fondell JD

**Species**  
Human  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2002

View more WB references on thermofisher.com

Immunohistochemistry (2)

The journal of obstetrics and gynaecology research

**Expression patterns of the steroid receptor coactivator family in human ovarian endometriosis.**

"MA1-840 was used in immunohistochemistry to characterize the expression of estrogen and steroid receptor cofactors in human endometriosis"

Authors: Kumagami A,Ito A,Yoshida-Komiya H,Fujimori K,Sato A

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2011

Cancer research

**Role of SRC-1 in the promotion of prostate cancer cell growth and tumor progression.**

"MA1-840 was used in immunohistochemistry to study the role of SRC-1 in prostate cancer cell growth and tumor progression."

Authors: Agoulnik IU,Vaid A,Bingman WE,Erdeme H,Frolov A,Smith CL,Ayala G,Ittmann MM,Weigel NL

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2005

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IP (3)    ChIP (2)

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