

# SRC3 Monoclonal Antibody (AX15.3)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	AX15.3
Conjugate	Unconjugated
Immunogen	GST fusion protein encoding amino acid residues 605-1294 of human AIB1.
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_325446

Applications	Tested	Dilution	Published
ChIP assay (ChIP)	✓	Assay Dependent	1 Publication
Western Blot (WB)	✓	2 µg/mL	3 Publications
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:10-1:100	
Immunoprecipitation (IP)	✓	Assay dependent	

## Product Specific Information

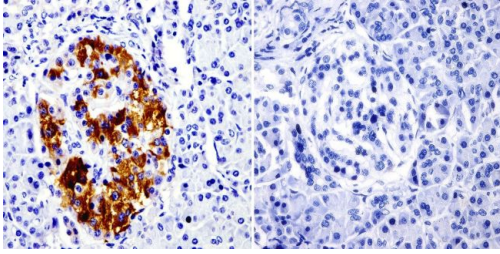
MA1-845 detects amplified in breast cancer-1 (AIB1) in human cells.

MA1-845 has been successfully used in Western blot and immunoprecipitation, ChIP, and immunohistochemistry procedures. By Western blot, this antibody detects an ~155 kDa protein representing AIB1 from MCF-7 cell extract. The MA1-845 immunizing peptide corresponds to amino acid residues 605-1294 of human AIB1.

## Product Images For SRC3 Monoclonal Antibody (AX15.3)

### SRC3 Antibody (MA1-845) in IHC

Immunohistochemistry was performed on normal biopsies of deparaffinized Human pancreas tissue. To expose target proteins, heat induced antigen retrieval was performed using 10mM sodium citrate (pH6.0) buffer, microwaved for 8-15 minutes. Following antigen retrieval tissues were blocked in 3% BSA-PBS for 30 minutes at room temperature and probed with a SRC3 monoclonal antibody (Product # MA1-845) at a dilution of 1:20 or without primary antibody (negative control) overnight at 4° C in a humidified chamber. Tissues were washed with PBST and endogenous peroxidase activity was quenched with a peroxidase suppressor. Detection was performed using a biotin-conjugated secondary antibody and SA-HRP, followed by colorimetric detection using DAB. Tissues were counterstained with hematoxylin and prepped for mounting



### SRC3 Antibody (MA1-845) in WB

Western blot of AIB1 on MCF-7 cell extract using Product # MA1-845.

Fig. 1

207 kDa-

127 kDa-



## 4 References

### ChIP assay (1)

Oncogene

#### Notch-1 activates estrogen receptor-alpha-dependent transcription via IKKalpha in breast cancer cells.

"MA1-845 was used in ChIP assay to study the role of IKKalpha in the activation of estrogen receptor-alpha driven transcription by Notch-1"

Authors: Hao L,Rizzo P,Osipo C,Pannuti A,Wyatt D,Cheung LW,Sonenshein G,Osborne BA,Miele L

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2010

### Western Blot (3)

Molecular endocrinology (Baltimore, Md.)

#### Progressive loss of estrogen receptor alpha cofactor recruitment in endocrine resistance.

"MA1-845 was used in western blot to study the mechanism for endocrine resistance in breast cancer"

Authors: Naughton C,MacLeod K,Kuske B,Clarke R,Cameron DA,Langdon SP

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2007

Molecular cell

#### Formation of an IKKalpha-dependent transcription complex is required for estrogen receptor-mediated gene activation.

Authors: Park KJ,Krishnan V,O'Malley BW,Yamamoto Y,Gaynor RB

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2005

[View more WB references on thermofisher.com](#)

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