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[KO Validated] Src Rabbit mAb

Catalog No.: A19119 KO Validated Recombinant 22 Publications

Basic Information

Observed MW
60 kDa

Calculated MW
60 kDa

Category
Primary antibody

Applications
WB,IP,IF/ICC,IF-F,IF-P,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC0378

Background

This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.

Recommended Dilutions

WB	1:1000 - 1:10000
IP	0.5 μg - 4 μg antibody for 400 μg - 600 μg extracts of whole cells
IF/ICC	1:100 - 1:400
IF-F	1:100 - 1:400
IF-P	1:100 - 1:400
IHC-P	1:200-1:400.
ELISA	Recommended starting concentration is 1 μg/mL.Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (≥1:10000)，a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
6714

Swiss Prot
P12931

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
ASV; SRC1; THC6; c-SRC; p60-Src; rc

Product Information

Source
Rabbit

Isotype
IgG

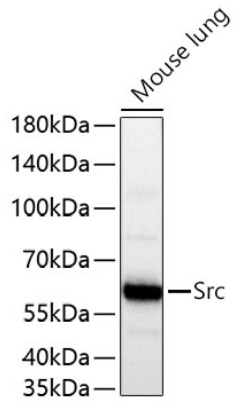
Purification
Affinity purification

Storage
Store at -20℃

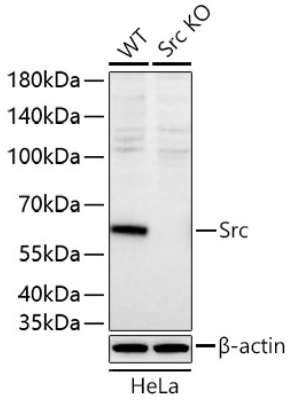
Contact

☎	400-999-6126
✉	cn.market@abclonal.com.cn
🌐	www.abclonal.com.cn

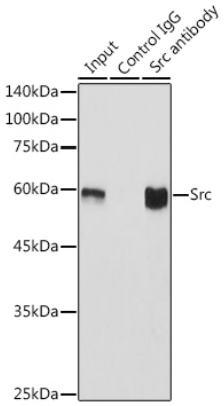
Validation Data



Western blot analysis of lysates from Mouse lung using [KO Validated] Src Rabbit mAb (A19119) at 1:2000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.

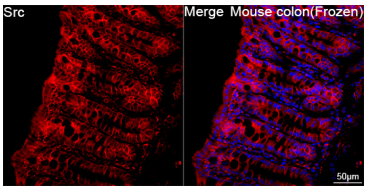


Western blot analysis of lysates from wild type (WT) and Src knockout (KO) HeLa cells using [KO Validated] Src Rabbit mAb (A19119) at 1:2000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.

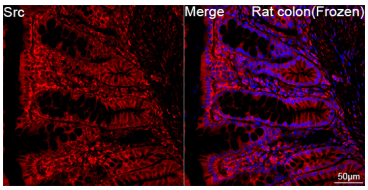


Immunoprecipitation analysis of 600 µg extracts of Mouse brain using 3 µg [KO Validated] Src Rabbit mAb (A19119). Western blot was performed from the immunoprecipitate using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:1000.

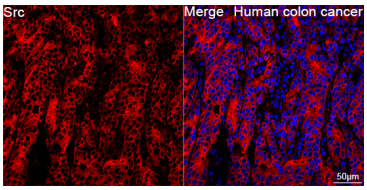
Validation Data



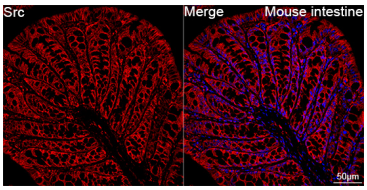
Confocal imaging of frozen sections of Mouse colon tissue using [KO Validated] Src Rabbit mAb (A19119, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



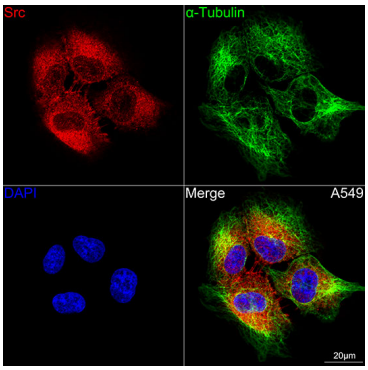
Confocal imaging of frozen sections of Rat colon tissue using [KO Validated] Src Rabbit mAb (A19119, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



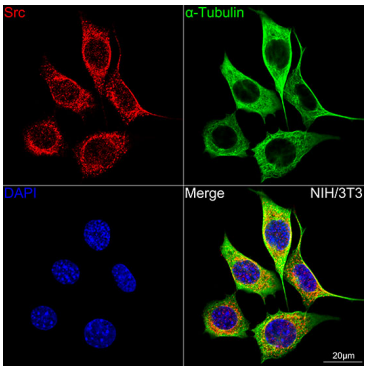
Confocal imaging of paraffin-embedded Human colon cancer using [KO Validated] Src Rabbit mAb (A19119, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



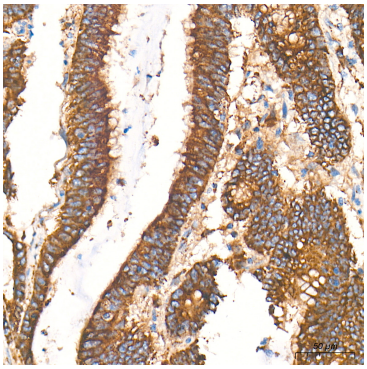
Confocal imaging of paraffin-embedded Mouse intestine tissue using [KO Validated] Src Rabbit mAb (A19119, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



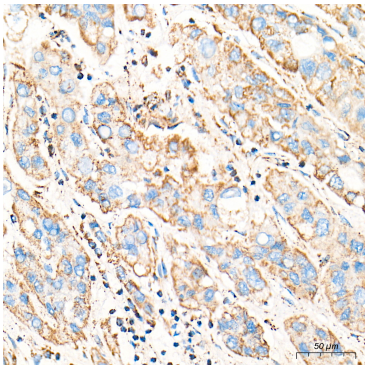
Confocal imaging of A549 cells using [KO Validated] Src Rabbit mAb (A19119,at dilution of 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



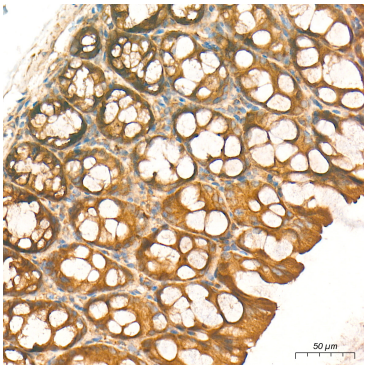
Confocal imaging of NIH/3T3 cells using [KO Validated] Src Rabbit mAb (A19119,at dilution of 1:100) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012,dilution 1:400) (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:400 (40x lens).



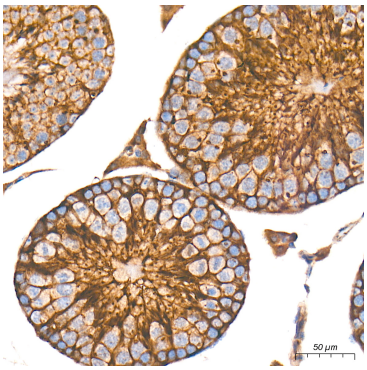
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:400 (40x lens). High pressure



Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:400 (40x lens). High pressure

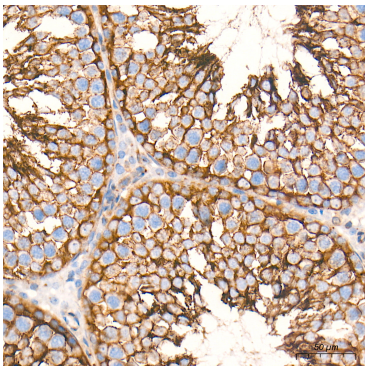
Validation Data

High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis tissue using [KO Validated] Src Rabbit mAb (A19119) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.