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[KO Validated] Src Rabbit mAb

Catalog No.: A19119 KO Validated Recombinant 16 Publications

Basic Information

Observed MW
60kDa

Calculated MW
60kDa

Category
Primary antibody

Applications
WB,IF/ICC,IP,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 - 1:2000
IF/ICC	1:100 - 1:400
IP	0.5μg-4μg antibody for 400μg-600μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

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

Contact

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Product Information

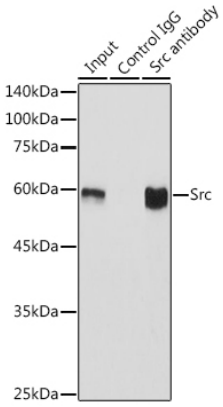
Source
Rabbit

Isotype
IgG

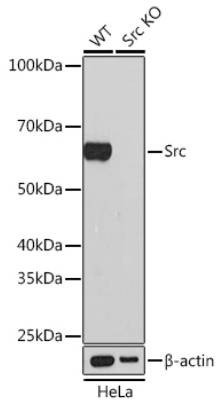
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

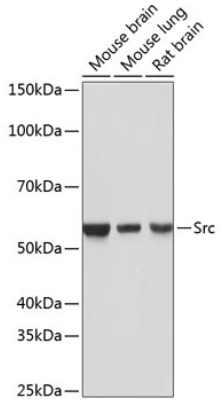
Validation Data



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

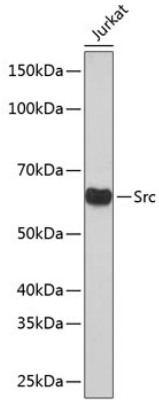


Western blot analysis of lysates from wild type (WT) and Src knockout (KO) HeLa cells, using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1min.

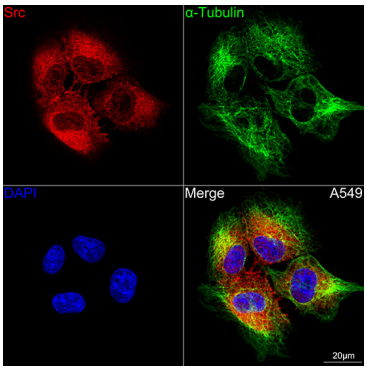


Western blot analysis of various lysates using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.

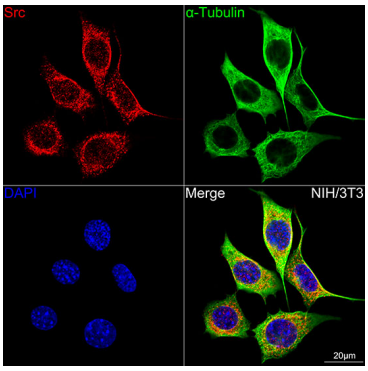
Validation Data



Western blot analysis of lysates from Jurkat cells, using [KO Validated] Src Rabbit mAb (A19119) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1min.



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.