

AP0185

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## Phospho-Src-Y529 Rabbit pAb

Catalog No.: AP0185

6 Publications

### Basic Information

#### Observed MW

60kDa

#### Calculated MW

60kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, IHC-P, IF/ICC, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

### 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	1:500 - 1:1000
IHC-P	1:50 - 1:100
IF/ICC	1:100 - 1:200

### Immunogen Information

#### Gene ID

6714

#### Swiss Prot

P12931

#### Immunogen

A synthetic phosphorylated peptide around Y529 of human Src (NP\_005408.1).

#### Synonyms

ASV; SRC1; THC6; c-SRC; p60-Src; Phospho-Src-Y529

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

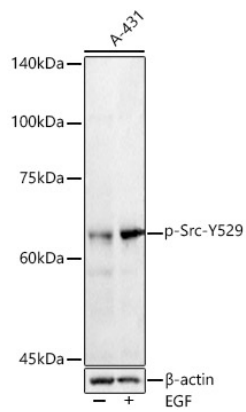
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of A-431 cells, using Phospho-Src-Y529 antibody (AP0185) at 1:1000 dilution. A-431 cells were treated by EGF (100 ng/ml) at 37°C for 30 minutes after serum-starvation overnight.

Secondary antibody: HRP 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: 60s.