Leader in Biomolecular Solutions for Life Science

# Phospho-Src-Y529 Rabbit mAb

Catalog No.: AP1377 Recombinant 2 Publications



### **Basic Information**

**Observed MW** 60kDa

**Calculated MW** 60kDa

Category Primary antibody

Applications WB,ELISA

**Cross-Reactivity** Human

**CloneNo number** ARC54665

# 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	1:2000 - 1:10000
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; Phospho-Src-Y529

### Contact

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# **Product Information**

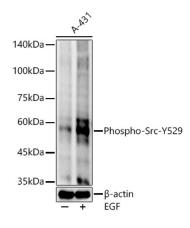
Source Rabbit

Isotype lgG

**Purification** Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from A-431 cells, using Phospho-Src-Y529 Rabbit mAb (AP1377) at 1:10000 dilution. A-431 cells were treated with EGF (100 ng/ml) at 37°C for 30 minutes after serumstarvation overnight. 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: 30s.