

A19991

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## SPRY2 Rabbit pAb

Catalog No.: A19991

### Basic Information

#### Observed MW

180kDa

#### Calculated MW

35kDa

#### Category

Mouse Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse

### Background

This gene encodes a protein belonging to the sprouty family. The encoded protein contains a carboxyl-terminal cysteine-rich domain essential for the inhibitory activity on receptor tyrosine kinase signaling proteins and is required for growth factor stimulated translocation of the protein to membrane ruffles. In primary dermal endothelial cells this gene is transiently upregulated in response to fibroblast growth factor two. This protein is indirectly involved in the non-cell autonomous inhibitory effect on fibroblast growth factor two signaling. The protein interacts with Cas-Br-M (murine) ectropic retroviral transforming sequence, and can function as a bimodal regulator of epidermal growth factor receptor/mitogen-activated protein kinase signaling. This protein may play a role in alveoli branching during lung development as shown by a similar mouse protein.

### Recommended Dilutions

WB 1:500 - 1:2000

### Immunogen Information

#### Gene ID

10253

#### Swiss Prot

O43597

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human SPRY2 (NP\_005833.1).

#### Synonyms

IGAN3; hSPRY2; SPRY2

### 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 0.01% thimerosal, 50% glycerol, pH 7.3.