

## Spondin 2 / Mindin Antibody (internal region)

Peptide-affinity purified goat antibody Catalog # AF3178a

## **Specification**

## Spondin 2 / Mindin Antibody (internal region) - Product Information

Application WB, E
Primary Accession Q9BUD6

Other Accession NP 036577.1, 10417

Reactivity Human
Predicted Mouse, Rat

Host Goat
Clonality Polyclonal
Concentration 0.5 mg/ml
Isotype IgG
Calculated MW 35788

Spondin 2 / Mindin Antibody (internal region) - Additional Information

### **Gene ID** 10417

## **Other Names**

Spondin-2, Differentially expressed in cancerous and non-cancerous lung cells 1, DIL-1, Mindin, SPON2, DIL1

#### **Dilution**

WB~~1:1000 E~~N/A

## **Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

# Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

Spondin 2 / Mindin Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

# Spondin 2 / Mindin Antibody (internal region) - Protein Information

Name SPON2

**Synonyms DIL1** 

**Function** 



Cell adhesion protein that promotes adhesion and outgrowth of hippocampal embryonic neurons. Binds directly to bacteria and their components and functions as an opsonin for macrophage phagocytosis of bacteria. Essential in the initiation of the innate immune response and represents a unique pattern-recognition molecule in the ECM for microbial pathogens (By similarity). Binds bacterial lipopolysaccharide (LPS).

#### **Cellular Location**

Secreted, extracellular space, extracellular matrix

### **Tissue Location**

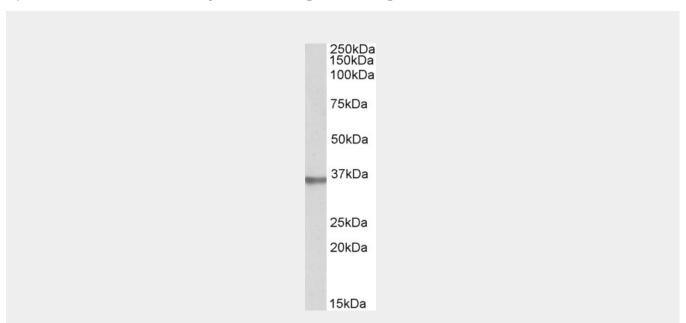
Expressed in normal lung tissue but not in lung carcinoma cell lines.

# Spondin 2 / Mindin Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## Spondin 2 / Mindin Antibody (internal region) - Images



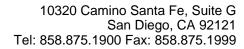
AF3178a (1  $\mu$ g/ml) staining of Human Prostate lysate (35  $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Spondin 2 / Mindin Antibody (internal region) - Background

Reported variants NP 036577.1 and NP 001121797.1 represent identical protein.

## Spondin 2 / Mindin Antibody (internal region) - References

Identification of genes (SPON2 and C20orf2) differentially expressed between cancerous and





noncancerous lung cells by mRNA differential display. Manda R, Kohno T, Matsuno Y, Takenoshita S, Kuwano H, Yokota J, Genomics 1999 Oct 61 (1): 5-14. PMID: 10512675