

SPON2 / MINDIN Antibody (C-Terminus) Goat Polyclonal Antibody Catalog # ALS16091

## Specification

# SPON2 / MINDIN Antibody (C-Terminus) - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW WB <u>O9BUD6</u> Human, Monkey Goat Polyclonal 36kDa KDa

### SPON2 / MINDIN Antibody (C-Terminus) - Additional Information

Gene ID 10417

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

**Target/Specificity** Human SPON2. Reported variants represent identical protein: NP\_036577.1, NP\_001121797.1, NP\_001185950.1

**Reconstitution & Storage** Store at -20°C. Minimize freezing and thawing.

**Precautions** SPON2 / MINDIN Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

### SPON2 / MINDIN Antibody (C-Terminus) - 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.

# SPON2 / MINDIN Antibody (C-Terminus) - Protocols

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

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

## SPON2 / MINDIN Antibody (C-Terminus) - Images

| 250kDa<br>150kDa |  |
|------------------|--|
| 100kDa           |  |
| 75kDa            |  |
| 50kDa            |  |
| 37kDa            |  |
| 25kDa            |  |
| 20kDa            |  |

# SPON2 antibody (1 ug/ml) staining of A549 lysate (35 ug protein in RIPA buffer).

## SPON2 / MINDIN Antibody (C-Terminus) - Background

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).

### SPON2 / MINDIN Antibody (C-Terminus) - References

Manda R.,et al.Genomics 61:5-14(1999). Clark H.F.,et al.Genome Res. 13:2265-2270(2003). Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.