

#### **UK Office**

#### **Everest Biotech Ltd**

Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

**Enquiries:** 

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

#### **US Office**

#### **Everest Biotech c/o Abcore**

405 Maple Street, Suite A106

Ramona, CA 92065 USA

Inquiries:

info@everestbiotech.com

Sales:

 $\underline{usasales@everest biotech.com}$ 

Tech support:

support@everestbiotech.com

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# EB11284 - Goat Anti-SPON2 (301-315) Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** differentially expressed in cancerous and non-cancerous lung cells 1, DIL-1, DIK-1, DKFZp686G21139, FLJ16313, FLJ22401, FLJ34460, MINDIN, M-SPONDIN,

spondin 2, extracellular matrix protein, spondin-2, SPON2

Official Symbol: SPON2

Accession Number(s): NP\_036577.1

Human GeneID(s): 10417

Non-Human GenelD(s): 100689 (mouse), 171569 (rat)

Important Comments: Reported variants represent identical protein: NP\_036577.1,

NP\_001121797.1, NP\_001185950.1

## **Immunogen**

Peptide with sequence C-RTRYVRVQPANNGSP, from the internal region (near C Terminus) of the protein sequence according to NP\_036577.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:16000.

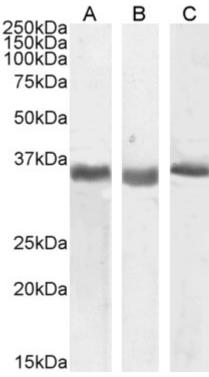
**Western blot:** Approx 35-36kDa band observed in Human, Mouse and Rat Kidney lysates, and in preliminary testing of A549 cell lysates (calculated MW of 35.8kDa according to Human NP\_036577.2,and 36.0kDa according to Mouse NP\_598664.3 and Rat NP\_612542.1). Recommended concentration: 0.5-2μg/ml. Primary incubation 1 hour at room temperature.

IHC: Paraffin embedded Human Tonsil. Recommended concentration: 5µg/ml.

## **Species Reactivity**

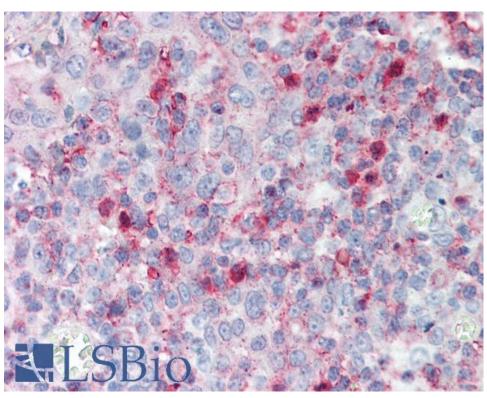
Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog



EB11284 (0.5μg/ml) staining of Human (A), Mouse (B) and Rat (C) Kidney lysate (35μg protein in RIPA buffer).

Detected by chemiluminescence.



EB11284 (5μg/ml) staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.