

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB06485 - Goat Anti-SCARF1 / SREC Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** SCARF1, SREC, KIAA0149, MGC47738, scavenger receptor class F, member 1, acetyl LDL receptor, scavenger receptor expressed by endothelial cells

Official Symbol: SCARF1

Accession Number(s): NP\_003684.2; NP\_663325.1; NP\_663327.2

Human GeneID(s): 8578

**Important Comments:** This antibody is expected to recognise all three reported isoforms (NP\_003684.2; NP\_663325.1; NP\_663327.2). Epitope corresponding to aa 20-31, mapping to the mature human SCARF1 / SREC1 protein.

### Immunogen

Peptide with sequence SELDPKGQHVC, from the internal region of the protein sequence according to NP\_003684.2; NP\_663325.1; NP\_663327.2.

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**

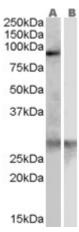
**Peptide ELISA:** antibody detection limit dilution 1:64000.

Western blot: Approx 85-90kDa band observed in Human Heart lysates (calculated MW of 87.4kDa according to NP\_003684.2). Recommended concentration: 0.3-1.0μg/ml. Primary incubation was 1 hour. An additional faint band of 28kDa was consistently observed, however this band was not blocked by the immunizing peptide and it is therefore a non-specific signal.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human



EB06485 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Detected by chemiluminescence.