

## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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.