## UK Office

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# EB11900 - Goat Anti-ICAM4 (aa169-182) Antibody

Size: 100µg specific antibody in 200µl

## Target Protein

**Principal Names:** β-character-test, ICAM4, intercellular adhesion molecule 4 (Landsteiner-Wiener blood group), CD242, LW, CD242 antigen, LW blood group protein, Landsteiner-Wiener blood group antigen a, Landsteiner-Wiener blood group glycoprotein, intercellular adhesion molecule 4, intercellular adhesion molecule 4 (LW blood group)
**Official Symbol:** ICAM4
**Accession Number(s):** NP_001535.1; NP_071772.1
**Human GeneID(s):** 3386
**Important Comments:** This antibody is expected to recognize isoform 1 (NP_001535.1) and isoform 2 (NP_071772.1) only.

## Immunogen

Peptide with sequence C-RHGSRVIYSESLER, from the internal region of the protein sequence according to NP_001535.1; NP_071772.1.

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 1:64000.
**Western blot:** Approx 28kDa band observed in Human Umbillical Cord and in Erythrocytes lysates (calculated MW of 29.3kDa according to NP_001535.1). Recommended concentration: 1-3µg/ml.

## Species Reactivity

**Tested:** Human
**Expected from sequence similarity:** Human


EB11900 (1µg/ml) staining of Human Umbillical Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.