

## **International Office**

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Research Use Only. Not for diagnostic or therapeutic use.

# 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

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

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