



## UK Office

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

## EB12031 - Goat Anti-VCAM1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** VCAM1, vascular cell adhesion molecule 1, CD106, INCAM-100, CD106 antigen, vascular cell adhesion protein 1

**Official Symbol:** VCAM1

**Accession Number(s):** NP\_001069.1; NP\_001186763.1

**Human GeneID(s):** [7412](#)

**Important Comments:** This antibody is expected to recognize isoform a (NP\_001069.1) and isoform c (NP\_001186763.1).

### Immunogen

Peptide with sequence C-TQIDSPSLSGKVRSE, from the internal region of the protein sequence according to NP\_001069.1; NP\_001186763.1.

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 85kDa band observed in Human Uterus lysates (calculated MW of 81.3kDa according to NP\_001069.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB12031 (1 $\mu$ g/ml) staining of Human Uterus lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.