



## International Office

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

## EB12664 - Goat Anti-CD83 (aa97-106) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CD83, CD83 molecule, BL11, HB15, B-cell activation protein, CD83 antigen, CD83 antigen (activated B lymphocytes, immunoglobulin superfamily), cell surface protein HB15, cell-surface glycoprotein, hCD83

**Official Symbol:** CD83

**Accession Number(s):** NP\_004224.1; NP\_001035370.1; NP\_001238830.1

**Human GeneID(s):** [9308](#)

**Important Comments:** This antibody is expected to recognize all reported isoforms (NP\_004224.1; NP\_001035370.1; NP\_001238830.1).

### Immunogen

Peptide with sequence TTSCNSGTyr, from the internal region of the protein sequence according to NP\_004224.1; NP\_001035370.1; NP\_001238830.1.

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 1:4000.

**Western blot:** Approx 17kDa band observed in lysates of cell line Daudi (calculated MW of 16.6kDa according to NP\_001238830.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Cow



EB12664 (1µg/ml) staining of Daudi lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.