

**Goat anti-CD83 (aa97-106) Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF4437a****Specification**

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**Goat anti-CD83 (aa97-106) Antibody - Product Information**

Application	<b>WB, Pep-ELISA</b>
Primary Accession	<a href="#">Q01151</a>
Other Accession	<a href="#">NP_004224.1</a> , <a href="#">NP_001035370.1</a> , <a href="#">NP_001238830.1</a>
Reactivity	<b>Human, Bovine</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>23042</b>

**Goat anti-CD83 (aa97-106) Antibody - Additional Information****Gene ID** 9308**Other 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

**Dilution**

WB~~1:1000  
Pep-ELISA~~N/A

**Format**

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.

**Immunogen**

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

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-CD83 (aa97-106) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-CD83 (aa97-106) Antibody - Protein Information****Name** CD83

**Function**

Transmembrane glycoprotein predominantly found on the surface of many immune cells including dendritic cells or lymphocytes that plays various roles in immune response regulation. Plays an essential role in CD4(+) T-selection, differentiation and stability by regulating the activity of the major E3 ubiquitin ligase responsible for controlling MHCII trafficking MARCHF8. Also inhibits MARCHF1 association with MHCII or CD86 to prevent their ubiquitination and subsequent degradation (PubMed:<a href="http://www.uniprot.org/citations/21220452" target="\_blank">21220452</a>). In addition, acts as an important modulator of protective responses against acute infections (By similarity).

**Cellular Location**

Membrane; Single-pass type I membrane protein.

**Tissue Location**

Expressed by activated lymphocytes, Langerhans cells and activated dendritic cells.

**Goat anti-CD83 (aa97-106) Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat anti-CD83 (aa97-106) Antibody - Images**