

Goat anti-CD83 (aa97-106) Antibody

Peptide-affinity purified goat antibody

Catalog # AF4437a

Product Information

Application	WB, Pep-ELISA
Primary Accession	Q01151
Other Accession	NP_004224.1 , NP_001035370.1 , NP_001238830.1
Reactivity	Human, Bovine
Host	Goat
Clonality	Polyclonal
Clone Names	CD83
Calculated MW	23042

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.

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:[21220452](#)). 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.