

CD83 Antibody
Rabbit mAb
Catalog # AP91702**Specification**

CD83 Antibody - Product Information

Application	WB
Primary Accession	Q01151
Reactivity	Rat
Clonality	Monoclonal
Other Names	
BL11 PEN; CD83; HB15; hCD83;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	23042 Da

CD83 Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD83
Description	May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD83 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: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.

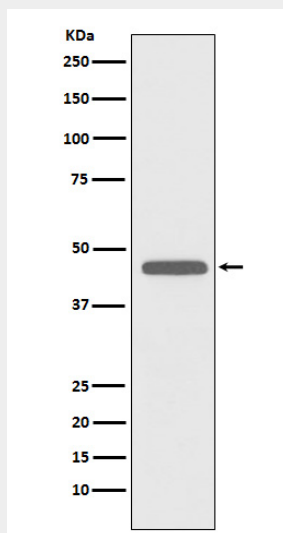
Tissue Location

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

CD83 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](#)

CD83 Antibody - Images

Western blot analysis of CD83 expression in MOLT4 cell lysate.