

Anti-CD83 Rabbit Monoclonal Antibody

Catalog # ABO15276

Product Information

Application	WB
Primary Accession	Q01151
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-CD83 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	9308
Other Names	CD83 antigen, hCD83, B-cell activation protein, Cell surface protein HB15, CD83, CD83
Calculated MW	23042
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18C52
Immunogen	A synthesized peptide derived from human CD83
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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).

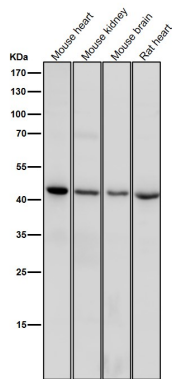
Cellular Location

Membrane; Single-pass type I membrane protein.

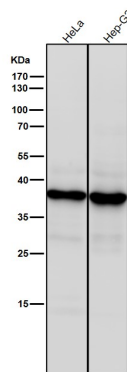
Tissue Location

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

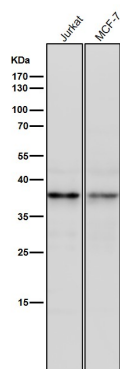
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

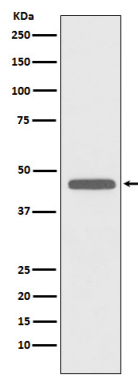


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Western blot analysis of CD83 expression in MOLT4 cell lysate.



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