

CD83 Rabbit mAb

Catalog # AP77119

Product Information

Application	WB
Primary Accession	Q01151
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human CD83
Purification	Affinity Chromatography
Calculated MW	23042

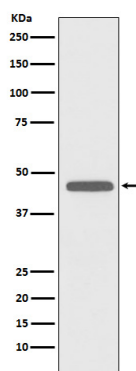
Additional Information

Gene ID	9308
Other Names	CD83
Dilution	WB~~1/500-1/1000
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid 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 activated dendritic cells.

Images



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