

**Anti-CD83 Rabbit Monoclonal Antibody**  
**Catalog # ABO15276****Specification**

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**Anti-CD83 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q01151</a>
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.

**Anti-CD83 Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 9308

**Other Names**

CD83 antigen, hCD83, B-cell activation protein, Cell surface protein HB15, CD83, CD83

**Application Details**

WB 1:500-1:2000

**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.

**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.**

**Anti-CD83 Rabbit Monoclonal 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.

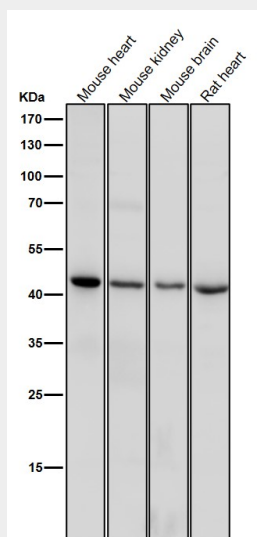
**Tissue Location**

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

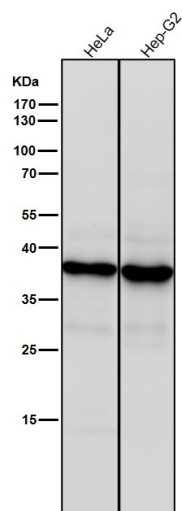
**Anti-CD83 Rabbit Monoclonal Antibody - Protocols**

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

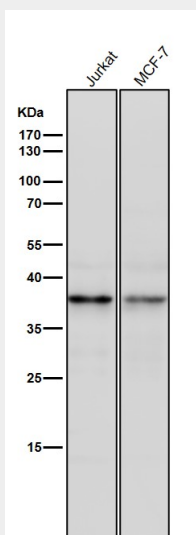
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CD83 Rabbit Monoclonal Antibody - Images**

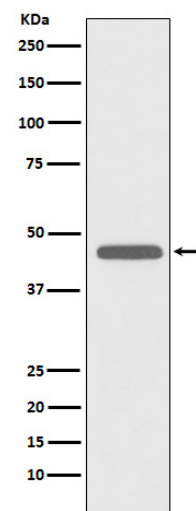
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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.