10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CD83 Reference Antibody (Genentech patent anti-CD83)

Recombinant Antibody
Catalog # APR10820

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q01151
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	23042

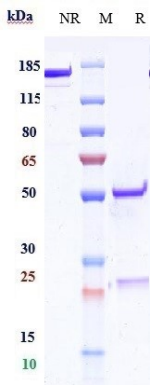
Additional Information

Target/Specificity	CD83
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

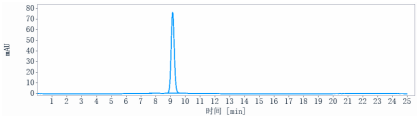
Protein Information

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



Anti-CD83 Reference Antibody (Genentech patent anti-CD83) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD83 Reference Antibody (Genentech patent anti-CD83) is more than 95%, determined by SEC-HPLC.

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