

For Research Use Only

CD83 Recombinant antibody

Catalog Number: 84796-3-RR



Basic Information

Catalog Number: 84796-3-RR	GenBank Accession Number: NM_004233.4	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9308	CloneNo.: 241855G5
Source: Rabbit	ENSEMBL Gene ID: ENSG00000112149	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG	UNIPROT ID: Q01151	
	Full Name: CD83 molecule	
	Calculated MW: 23 kDa	
	Observed MW: 40-45 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Raji cells,
Species Specificity: human	

Background Information

CD83 is a member of the immunoglobulin (Ig) superfamily, consisting of an extracellular V-type Ig-like domain, a transmembrane domain, and a cytoplasmic tail. CD83 is one of the most prominent markers for fully matured dendritic cells (DCs) (PMID: 17334966). It is also found on the surface of other activated hematopoietic cells, including lymphocytes, monocytes, macrophages, and neutrophils (PMID: 31231400; 17334966). CD83 regulates the maturation, activation, and homeostasis of numerous immune cells (PMID: 31231400; 32362900). CD83 can also be expressed as a soluble form. Soluble CD83 can bind to DCs and inhibit their maturation (PMID: 17334966; 12403928).

Storage

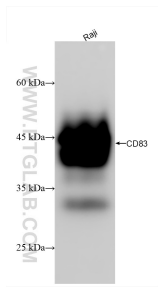
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84796-3-RR (CD83 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.