

For Research Use Only

CD83 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60744-1-PBS



Basic Information

Catalog Number: 60744-1-PBS	GenBank Accession Number: BC030830	Purification Method: Protein G purification
Size: 1 mg/ml	GeneID (NCBI): 9308	CloneNo.: 3C7A5
Source: Mouse	ENSEMBL Gene ID: ENSG00000112149	
Isotype: IgG1	UNIPROT ID: Q01151	
Immunogen Catalog Number: AG27435	Full Name: CD83 molecule	
	Calculated MW: 205 aa, 23 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

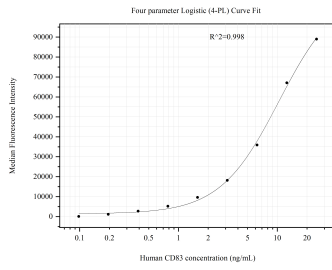
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Cytometric bead array standard curve of MP51077-1, CD83 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60744-1-PBS. Detection antibody: 60744-2-PBS. Standard: Ag27435. Range: 0.098-25 ng/mL