

# CD83 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 60744-3-PBS

## Basic Information

**Catalog Number:**

60744-3-PBS

**Size:**

1 mg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG27435

**GenBank Accession Number:**

BC030830

**GeneID (NCBI):**

9308

**ENSEMBL Gene ID:**

ENSG00000112149

**UNIPROT ID:**

Q01151

**Full Name:**

CD83 molecule

**Calculated MW:**

205 aa, 23 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

2G3A3

## 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:**

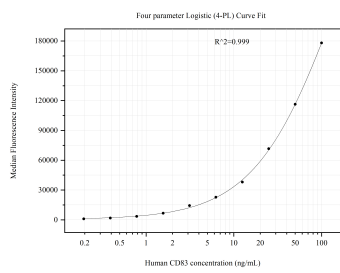
Store at -80°C.

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

**Storage Buffer:**

PBS Only

# Selected Validation Data



Cytometric bead array standard curve of MP51077-2, CD83 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60744-3-PBS. Detection antibody: 60744-2-PBS. Standard:Ag27435. Range: 0.195-100 ng/mL.