



## Anti-CD83 monoclonal antibody, clone 3D11 [R-PE] (CABT-46748RM)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

#### Product Overview

Rat anti Mouse CD83 antibody, clone 3D11 recognizes murine CD83, a 45kD type 1 glycoprotein belonging to the immunoglobulin superfamily. Originally described as a maturation marker for dendritic cells, CD83 plays a role in the regulation of antigen presentation, thymic T-cell maturation, B-cell function and peripheral T-cell activation. Activated dendritic cells and B-cells release a soluble form of CD83 that is reported to have an immunosuppressive effect, suggesting a therapeutic role for sCD83 in the regulation of immune disorders. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul.

#### Specificity

CD83

#### Isotype

IgG2a

#### Source/Host

Rat

#### Species Reactivity

Mouse

#### Clone

3D11

#### Conjugate

PE

#### Applications

FC

#### Format

Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised

#### Size

100 tests

#### Preservative

0.09% Sodium Azide

#### Storage

in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we

recommend microcentrifugation before use.

## GENE INFORMATION

**Gene Name** [Cd83 CD83 antigen \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** CD83

**Synonyms** CD83; CD83 antigen; mCD83;

**Entrez Gene ID** [12522](#)

**Protein Refseq** [NP\\_001276844](#)

**UniProt ID** O88324

**Chromosome Location** 13 A4-5; 13 21.6 cM

**Pathway** Macrophage markers;