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Datasheet for ABIN6253347

CD83 Protein (CD83) (AA 22-135) (Fc Tag)

Overview

Quantity:	50 µg
Target:	CD83
Protein Characteristics:	AA 22-135
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD83 protein is labelled with Fc Tag.

Product Details

Purpose:	CD83 (mouse):Fc (mouse) (rec.)
Specificity:	The extracellular domain of mouse CD83 (aa 22-135) is fused to the N-terminus of the Fc region of mouse IgG2a.
Characteristics:	<p>Protein. The extracellular domain of mouse CD83 (aa 22-135) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). Mouse CD83 is a 30-35 kDa member of the Siglec (or sialic-acid-binding immunoglobulin-like lectin) family of transmembrane proteins. CD83 is a primary marker for dendritic cells. It is also found on B cells, neutrophils, monocytes and macrophages. Except for dendritic cells, CD83 expression is often transient. CD83 binds to sialic acids on target cells. Membrane CD83 promotes T cell proliferation, particularly of CD8+ cytotoxic T cells. Soluble CD83 is immunosuppressive and blocks T cell activation. On monocytes, CD83 is suggested to drive monocytes into a fibrocyte phenotype. A lack of membrane-expressed CD83 leads to an unusual IL-4/ IL-10 producing</p>

Product Details

CD4+ T cell phenotype.

Purity: >98 % (SDS-PAGE)

Endotoxin Level: <0.06EU/μg protein (LAL test, Lonza).

Target Details

Target: CD83

Alternative Name: CD83 ([CD83 Products](#))

Background: Product Description: Mouse CD83 is a 30-35 kDa member of the Siglec (or sialic-acid-binding immunoglobulin-like lectin) family of transmembrane proteins. CD83 is a primary marker for dendritic cells. It is also found on B cells, neutrophils, monocytes and macrophages. Except for dendritic cells, CD83 expression is often transient. CD83 binds to sialic acids on target cells. Membrane CD83 promotes T cell proliferation, particularly of CD8+ cytotoxic T cells. Soluble CD83 is immunosuppressive and blocks T cell activation. On monocytes, CD83 is suggested to drive monocytes into a fibrocyte phenotype. A lack of membrane-expressed CD83 leads to an unusual IL-4/ IL-10 producing CD4+ T cell phenotype.

NCBI Accession: [NP_033986](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from 0.2μm-filtered solution in PBS.

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C

Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.