



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 1x10⁶ 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)]
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Official Symbol	CD83
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Synonyms	CD83; CD83 antigen; mCD83;
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Entrez Gene ID	12522
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Protein Refseq	NP_001276844
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UniProt ID	O88324
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Chromosome Location	13 A4-5; 13 21.6 cM
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Pathway	Macrophage markers;
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