DATASHEET

APC labeled CD83 Rabbit Monoclonal Antibody(ARA572)

CAT. NO. ARA6013

KEY FEATURES

Target	CD83	**Source/Host**	Rabbit
Reactivity	Human	**Clonality**	Monoclonal
Applications	FC	**Conjugation**	APC
Isotype	IgG	**Storage**	at 2-8°C

BACKGROUND

CD83 (CD83 molecule) is a single-pass type I membrane protein and a member of the immunoglobulin superfamily. It is a well-established marker of mature dendritic cells and is involved in the regulation of antigen presentation. The soluble form of CD83 can bind to dendritic cells and inhibit their maturation, and CD83 has been shown to regulate immune responses in inflammatory disorders. Three transcript variants encoding different isoforms have been found for this gene.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

FC	5 µl per 10^6 cells in a 100 µl suspension

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Description	Rabbit recombinant monoclonal antibody APC labeled to CD83
Specificity	Recognizes human CD83
Antibody Type	Primary antibody,Recombinant
Immunogen	Human CD83-transfected Cos cells.
Molecular Weight	23 kDa
Purification	The antibody was purified by Protein A affinity chromatography.
Isotype	IgG
Form/Buffer	Rabbit IgG. Liquid in PBS, pH 7.3, with 0.5% BSA and 0.09% sodium azide.
Alternative Names	CD83 antigen; hCD83; B-cell activation protein; Cell surface protein HB15; CD antigen CD83; BL11
Gene Symbol	CD83
Entrez Gene	9308(Human)
SwissProt	Q01151(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

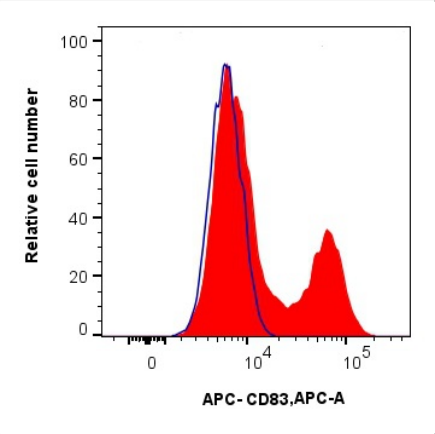
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



FC analysis of CD83 expression in human monocyte-derived mature dendritic cells using APC labeled CD83 Rabbit Monoclonal Antibody(ARA572).

STORAGE

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com