DATASHEET

APC labeled CD80 Rabbit Monoclonal Antibody(ARA573)

CAT. NO. ARA6014

KEY FEATURES

Target	CD80	**Source/Host**	Rabbit
Reactivity	Human	**Clonality**	Monoclonal
Applications	FC	**Conjugation**	APC
Isotype	IgG	**Storage**	at 2-8°C

BACKGROUND

CD80 (CD80 molecule), also known as B7-1, is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production, and plays a key role in T cell costimulation. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy. It is expressed on antigen-presenting cells such as activated B cells, dendritic cells and macrophages.

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 CD80
Specificity	Recognizes human CD80
Antibody Type	Primary antibody,Recombinant
Immunogen	Recombinant Human CD80/B7-1 protein.
Molecular Weight	33 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	CD28LG; CD28LG1; LAB7; B7-1; B7.1; T-lymphocyte activation antigen CD80; Activation B7-1 antigen; BB1; CD antigen CD80
Gene Symbol	CD80
Entrez Gene	941(Human)
SwissProt	P33681(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.

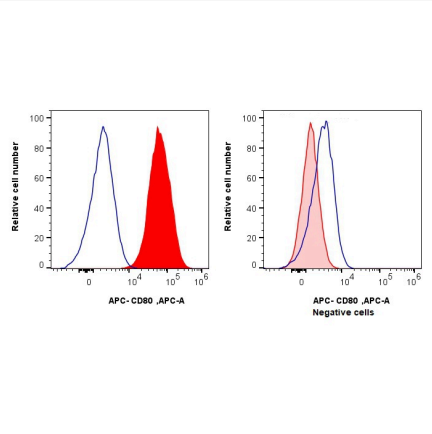
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



FC analysis of CD80 expression in Raji cells using APC labeled CD80 Rabbit Monoclonal Antibody(ARA573).

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