

## ARG56147 anti-CD83 antibody [HB15e] (APC)

Package: 50 tests

Store at: 4°C

### Summary

Product Description	APC-conjugated Mouse Monoclonal antibody [HB15e] recognizes CD83
Tested Reactivity	Hu, NHuPrm
Tested Application	FACS
Specificity	This antibody recognizes CD83, a 40-45 kDa type I glycoprotein expressed on mature dendritic cells.
Host	Mouse
Clonality	Monoclonal
Clone	HB15e
Isotype	IgG1
Target Name	CD83
Species	Human
Immunogen	Human CD83-transfected COS cells.
Conjugation	APC
Alternate Names	hCD83; CD83 antigen; CD antigen CD83; HB15; BL11; Cell surface protein HB15; B-cell activation protein

### Application Instructions

Application table	Application	Dilution
	FACS	10 µl / 10 <sup>6</sup> cells
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	FACS: Peripheral blood-derived dendritic cells.	

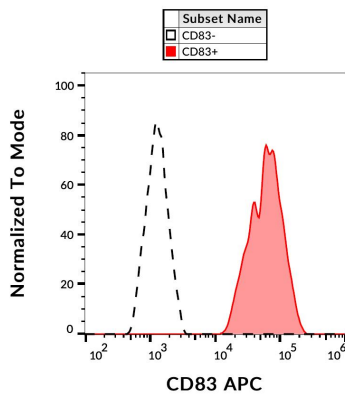
### Properties

Form	Liquid
Purification	purified
Buffer	PBS and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links	<a href="#">GeneID: 9308 Human</a> <a href="#">Swiss-port # Q01151 Human</a>
Gene Symbol	CD83
Gene Full Name	CD83 molecule
Background	The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]
Function	May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation. [UniProt]
Highlight	Related products: <a href="#">CD83 antibodies; Anti-Mouse IgG secondary antibodies;</a> Related news: <a href="#">Detecting exosomal HMGB1 for ICD research</a>
Calculated Mw	23 kDa

## Images



ARG56147 anti-CD83 antibody [HB15e] (APC) FACS image

Flow Cytometry: IFN alpha-activated Human peripheral blood cells stained with ARG56147 anti-CD83 antibody [HB15e] (APC).