abcam

Product datasheet

PE Anti-CD83 antibody [HB15e] ab234242

1 Image

Overview

Product name	PE Anti-CD83 antibody [HB15e]
Description	PE Mouse monoclonal [HB15e] to CD83
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	**Suitable for:** Flow Cyt
Species reactivity	**Reacts with:** Human
	Predicted to work with: Non human primates ⚠
Immunogen	Tissue, cells or virus corresponding to Human CD83. (Human CD83-transfected Cos cells).
Positive control	Flow Cyt: IFN gamma-activated human peripheral blood cells.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.
	If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	Purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Clonality	Monoclonal
Clone number	HB15e

Isotype	IgG1

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab234242 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10^6 cells. (or 100 µl of whole blood).

Target

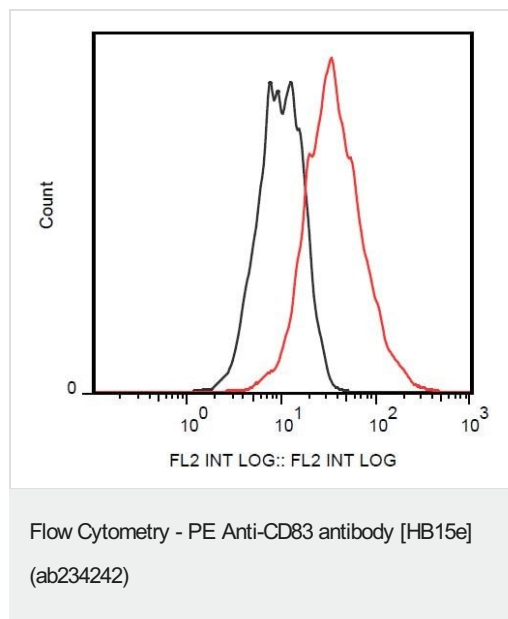|	
Function	May play a significant role in antigen presentation or the cellular interactions that follow lymphocyte activation.
Tissue specificity	Expressed by activated lymphocytes, Langerhans cells and interdigitating reticulum cells.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images

Flow Cytometry - PE Anti-CD83 antibody [HB15e]
(ab234242)

Flow cytometric analysis of IFN gamma-activated human peripheral blood cells labeling CD83 with ab234242. Surface staining. Gated on singlets.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery

- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors