abcam

Product datasheet

PE/Cy5® Anti-CD83 antibody [HB15E] ab234233

2 Images

Overview

Product name	PE/Cy5® Anti-CD83 antibody [HB15E]
Description	PE/Cy5® Mouse monoclonal [HB15E] to CD83
Host species	Mouse
Conjugation	PE/Cy5®. Ex: 496nm, Em: 670nm
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 CD83. Human CD83-transfected Cos cells.
Positive control	Flow Cytometry: 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

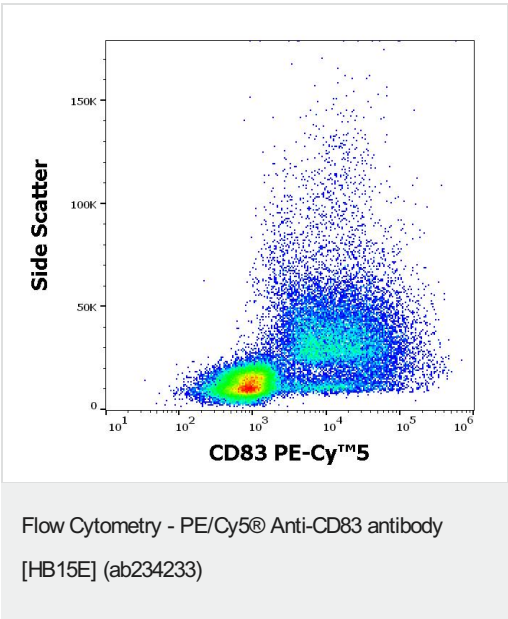|	
Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	ab234233 is conjugated with tandem dye PE-Cy™5 under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Clonality	Monoclonal
Clone number	HB15E
Isotype	IgG1

| Light chain type | kappa |

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab234233 in the following tested applications.

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

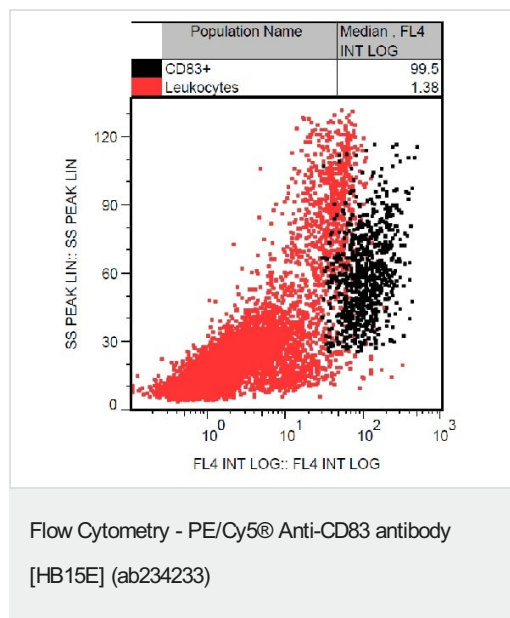| Application	Abreviews	Notes
Flow Cyt		Use 4µl for 10^6 cells.

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 lg-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images

Flow Cytometry - PE/Cy5® Anti-CD83 antibody [HB15E] (ab234233)

Flow cytometry analysis of human peripheral blood mononuclear cells stimulated with IFN-alpha2 stained with 4µl ab234233 per 100µl sample

Flow Cytometry - PE/Cy5® Anti-CD83 antibody [HB15E] (ab234233)

Flow Cytometry analysis of IFN gamma-activated human peripheral blood labeling CD83 with ab234233. Surface staining.

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.

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