

Product datasheet

Anti-CD80 antibody [MEM-233] (PE/Cy7[®]) ab234229

1 Image

Overview

Product name	Anti-CD80 antibody [MEM-233] (PE/Cy7 [®])
Description	Mouse monoclonal [MEM-233] to CD80 (PE/Cy7 [®])
Host species	Mouse
Conjugation	PE/Cy7 [®] . Ex: 496nm, Em: 774nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment corresponding to Human CD80. Extracellular domain of human CD80 fused to human IgG1(Fc)
Positive control	Flow Cyt: CD80-transfected P815 cells.
General notes	This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy and CyDye are trademarks of GE Healthcare Limited.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	MEM-233
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab234229** in the following tested applications.

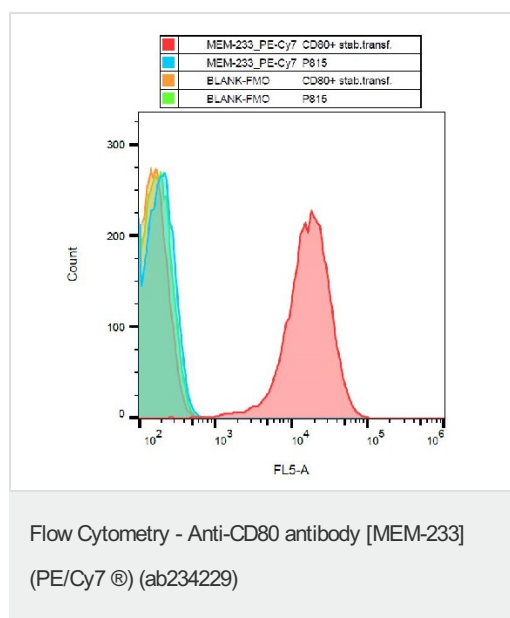
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

Target

Function	Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.
Tissue specificity	Expressed on activated B-cells, macrophages and dendritic cells.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Membrane.

Images



Surface staining of CD80-transfected P815 cells with ab234229.

Gated on singlets.

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

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