

PE Anti-CD86 antibody [BU63] ab77226

[4 References](#) [2 Images](#)

Overview

Product name	PE Anti-CD86 antibody [BU63]
Description	PE Mouse monoclonal [BU63] to CD86
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Specificity	ab77226 reacts with CD86 expressed on professional antigen-presenting cells, such as dendritic cells, macrophages or activated B lymphocytes.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD86. B-lymphoblastoid cell line ARH 77
General notes	<p>The antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions.</p> <p>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.</p> <p>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</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.4</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituents: 0.2% BSA, PBS</p>
Purity	Size exclusion
Purification notes	The conjugate is purified by size-exclusion chromatography and adjusted for direct use.
Clonality	Monoclonal
Clone number	BU63
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77226 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		

Application notes

Flow Cyt: The reagent is designed for Flow Cytometry analysis of human blood cells
Use 20 µl/100 µl of whole blood or 10⁶ cells in a suspension.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

Target

Function Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.

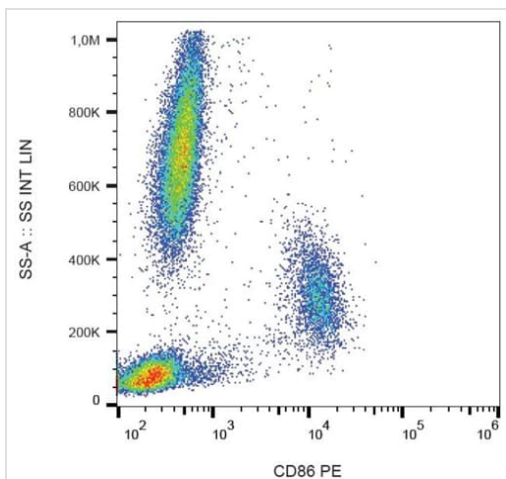
Tissue specificity Expressed by activated B-lymphocytes and monocytes.

Sequence similarities Contains 1 Ig-like C2-type (immunoglobulin-like) domain.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Post-translational modifications Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.

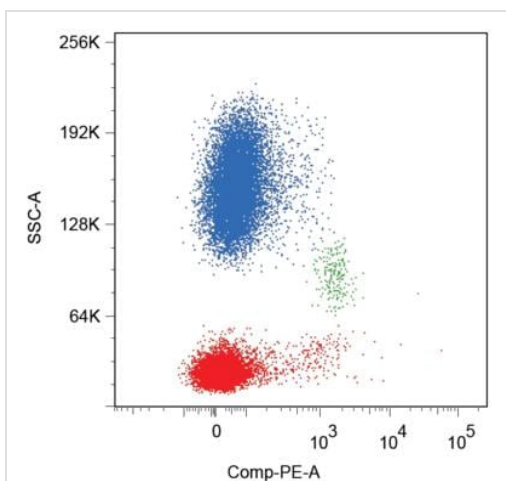
Cellular localization Membrane.

Images



Flow Cytometry - PE Anti-CD86 antibody [BU63]
(ab77226)

Analysis by flow cytometry of ab77226 staining CD86 in human peripheral blood cells.



Flow Cytometry - PE Anti-CD86 antibody [BU63]
(ab77226)

Flow cytometry analysis of human peripheral blood leukocytes with anti-human CD86 (BU63) PE.

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