

PerCP Anti-CD86 antibody [BU63] αb77131

[1 References](#) [1 Image](#)

Overview

Product name	PerCP Anti-CD86 antibody [BU63]
Description	PerCP Mouse monoclonal [BU63] to CD86
Host species	Mouse
Conjugation	PerCP. Ex: 482nm, Em: 675nm
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
Positive control	Human peripheral blood cells.
General notes	<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, 0.2% PBS</p>
Purity	0.2% BSA (high-grade protease free)
Purification notes	Size exclusion
Clonality	ab77131 is purified by size exclusion chromatography and adjusted for direct use.
Clone number	Monoclonal
Isotype	BU63
	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab77131 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: Use 10 µl for 10⁶ cells or 100 µl whole blood.

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.

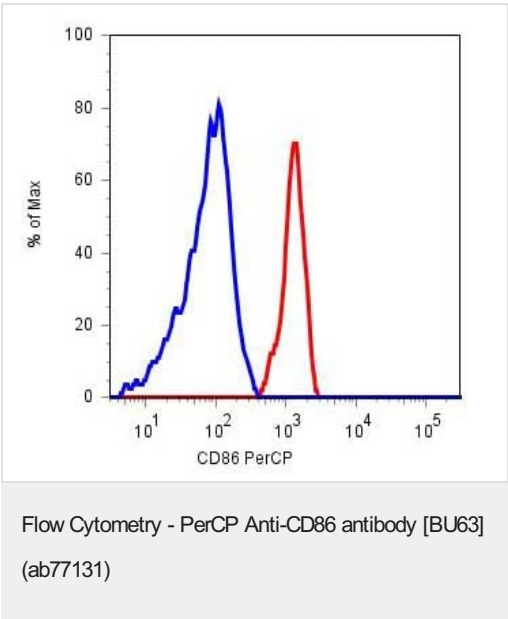
Tissue specificity Expressed by activated B-lymphocytes and monocytes.

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



ab77131 staining, surface CD86 in human peripheral blood cells by Flow Cytometry. Monocytes were used for gating. The blue peak represents negative control while red peak show staining with ab77131.

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