

Datasheet for ABIN5067876 **anti-CD86 antibody (PE)**

1 Image



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Overview

Quantity:	100 tests
Target:	CD86
Reactivity:	Human, Cynomolgus, Baboon, Rhesus Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD86 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	CD86 PE Antibody
Immunogen:	B-lymphoblastoid cell line ARH 77
Clone:	BU63
Isotype:	IgG1, kappa
Characteristics:	<p>BU63 recognizes ~70Kda a surface antigen protein of Ig superfamily characterized as CD86 expressed by most antigen presenting cells (APC). Depending on the immunological condition, CD86 specifically binds with its two ligands CD28 and CD152 (CTLA-4) expressed by T cells. Binding with CD28, CD86 provides stimulatory signal and activates T cells whereas binding with CD152 (CTLA-4) CD86 provides inhibitory signal to T cells. Generally, high-level CD86 expression was noticed on peripheral monocytes, tissue macrophages and dendritic cells, and also on activated B cells. CD86 is useful in the clinical diagnosis of cancer cells including malignant Hodgkin's and non-hodgkin's diseases.</p>

Product Details

Purification: Purified

Purity: >95 %

Grade: GMP Grade

Target Details

Target: CD86

Alternative Name: CD86 ([CD86 Products](#))

UniProt: [P42081](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

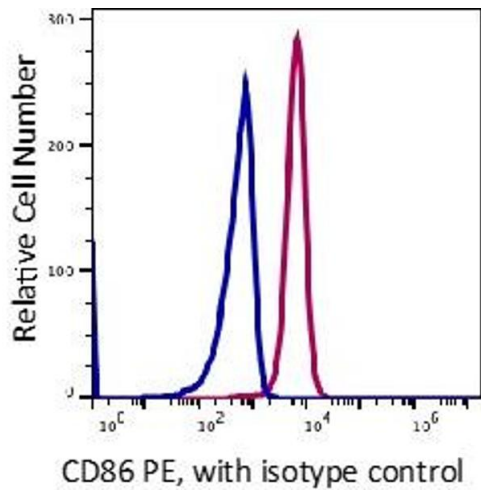
Buffer: PBS pH 7.2, 0.2 % (w/v) BSA, 0.09 % (w/v) sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: 2-8°C, Conjugated antibodies should never be frozen.



Flow Cytometry

Image 1.