9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

43-1042: Monoclonal Antibody to Human CD86 (B7-2) NALE™ Purified (Clone: PO3.1)

Clonality :	Monoclonal
Clone Name :	PO3.1
Application :	FACS
Reactivity :	Human
Gene :	CD86
Gene ID :	942
Uniprot ID :	P42081
Alternative Name :	CD28LG2, Activation B7-2 antigen, B70, BU63, CTLA-4 counter-receptor B7.2, FUN-1
Isotype :	Rat IgG2b, kappa

Description

The PO3.1 monoclonal antibody specifically reacts with CD86, also known as B7-2, a surface 80 kDa receptor and member of the B7 family. CD86 is a costimulatory molecule, expressed on B and T cells, dendritic cells, astrocytes, macrophages, Langerhans cells, and at a low level in newly explanted B and T lymphocytes. CD86 expression on B lymphocytes is upregulated by B-Cell Receptor complex, CD40 and certain cytokine receptors. CD80 (B7-1) and CD86 (B7-2) are receptors for CD28 and CTLA-4, on the surface of T lymphocytes, enhancing the interactions between B and T cells.

Product Info

Amount :	50 ug / 500 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.