



A Reliable Research Partner in Life Science and Medicine

## Biotin Anti-Human CD86 Antibody[BU63]

Catalog Number: E-AB-F1012B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Mouse Host

Isotype Mouse IgG1, ĸ

Clone No. **BU63** 

Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B] Isotype Control

Conjugation

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

**Applications** Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow **FCM** 

> cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per 10<sup>6</sup> cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

**Preparation & Storage** 

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

**Shipping** Ice bag

**Antigen Information** 

**Alternate Names** Activation B7-2 antigen; Cd86; ETC-1; Early T-cell costimulatory molecule 1; T-lymphocyte

activation antigen CD86

**Uniprot ID** P42081 Gene ID 942

**Background** CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and

> Ly-58. CD86 is expressed on activated B and T cells, monocytes/macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is the ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and

triggering of NK cell-mediated cytotoxicity. CD86 binds to CD28 to transduce

costimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can bind to CD152 as well, also known as CTLA-4, to deliver an inhibitory signal to T

cells.

Tel: 1-832-243-6086 Fax: 1-832-243-6017 Toll-free: 1-888-852-8623 Web:www.elabscience.com

Email:techsupport@elabscience.com