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CD86 (N) Antibody, Mouse Monoclonal

Cat#: M0013-1

Quantity: 100 ul

Predicted M.W.: 38 kDa

Isotype: mouse IgG1

Lot#: Refer to vial

Application: WB

Uniprot ID: P42081

Clone: 13D7

Background:

T-lymphocyte activation antigen CD86 is a receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production. CD86 binds to CD28 or CTLA-4 and 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. CD86 isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.

Other Names:

CD28LG2, Activation B7-2 antigen, B70, BU63, CTLA-4 counter-receptor B7.2, FUN-1

Source and Purity:

Mouse monoclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CD86. Antibodies were purified by Caprylic Acid-Ammonium Sulfate precipitation.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 40% Glycerol, 0.02% Thimerosal. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

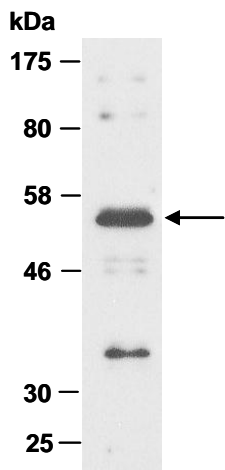


Fig 1. Western blot of total cell extracts from human Jurkat, using Ab (M0013-1) at RT for 2 h.