



Category: Monoclonal Antibodies
Product Name: Mouse Monoclonal Antibody to CD86

Catalog Number: MAB-606030107

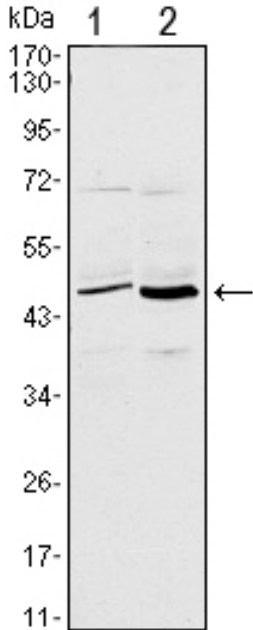


Figure 1: Western blot analysis using CD86 mouse mAb against L1210 (1) and MOLT-4 (2) cell lysate.

Lot#:
Clone#: 1B3
Host and isotype: Mouse IgG1
Size: 0.1ml
MW: 52kDa
Aliases: B70; B7-2; LAB72;
CD28LG2; MGC34413; CD86
Entrez Gene: 942
Species reactivity: Human

Description This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. Tissue specificity: Expressed by activated B-lymphocytes and monocytes.

Immunogen Purified recombinant fragment of human CD86 expressed in E. Coli.

Application Western Blotting: 1/500 - 1/2000.
ELISA: Propose dilution 1/10000.
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Formulation Ascitic fluid containing 0.03% sodium azide.

Storage Store at 4°C, for long term storage, store at -20°C.

Related product

References 1. Clin Exp Allergy. 2009 Dec;39(12):1852-6.
2. Am J Hum Genet. 2009 Nov;85(5):628-42.
3. Immunology. 2009 Nov;128(3):334-41.

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