

mouse CD86 rat Monoclonal antibody

slm-30162A

Product types

Flow cytometry antibody

English aliases

B7-2; B7.2; B70; CD28LG2; LAB72; CD86_HUMAN; CD86; Activation B7-2 antigen; BU63; CTLA-4 counter-receptor B7.2; FUN-1; CD86 molecule; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen); B-lymphocyte antigen B7-2

Product applications

Application	Species that have passed inspection	Predict species	Recommended dilution ratio
WB	Mouse		1:500-2000
Flow-Cyt	Mouse		1ug/Test

Not yet tested in other applications.

Optimal working dilutions must be determined by the end user.

Cross-reaction

Mouse

Antibody sources

Rat

Related markings

APCBF405BF700FITCPEPE-Cy5PE-Cy7PerCP-Cy5.5

Subtype

Rat IgG2a, k

Characteristics

Liquid

Purification methods

affinity purified by Protein G

Types of cloning

Monoclonal

and was honored with a title

3D5

Theoretical molecular weight

31 kDa

Molecular weight detection

80 kDa

Storage liquid

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Storage conditions

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Notes

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Database link

Entrez Gene : 942 Human

Entrez Gene : 56822 Rat

Omim : 601020 Human

SwissProt : P42081 Human

Unigene : 171182 Human

Unigene : 229570 Rat

SwissProt : P42082 Mouse

Entrez Gene : 12524 Mouse

Background information

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 several transcript variants encoding different isoforms. [provided by RefSeq, May 2011].