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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CD86 monoclonal antibody (M04), clone 4B12

Catalog # : H00000942-M04

規格 : [100 ug]

List All

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant CD86.

Immunogen: CD86 (AAH40261.1, 24 a.a. ~ 246 a.a) partial recombinant protein with GST tag.

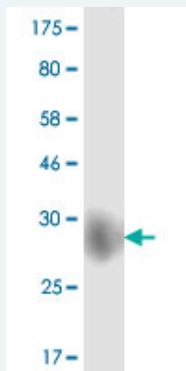
Sequence: APLKIQAYFNETADLPCQFANSQNSLSELVFWQDQENLVLNEVYLGK
EKFDSVHSKYMGRTSFDSWSWTLRLHNLQIKDKGLYQCIIHKKPTGMIRI
HQMNSELSVLANFSQPEIVPISNITENVYINLTCSSIHGYPEPKMMSVLLRTK
NSTIEYDGIMQKSQDNVTELYDVSISLSVSFPDVTSNMTIFCILETDKTRLL
SSPFSIELEDPPPPDHI

Host: Mouse

Reactivity: Human

Isotype: IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (26.73 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Datasheet:  [Download](#)

Applications

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [942](#)

Application Image

Western Blot (Recombinant protein)

ELISA

GeneBank Accession#: [BC040261.1](#)

Protein Accession#: [AAH40261.1](#)

Gene Name: CD86

Gene Alias: B7-2,B70,CD28LG2,LAB72,MGC34413

Gene Description: CD86 molecule

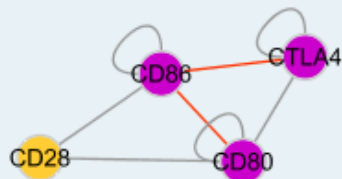
Omim ID: [601020](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: B-lymphocyte activation antigen B7-2,B7-2 antigen,CD28 antigen ligand 2,CD86 antigen,CD86 antigen (CD28 antigen ligand 2, B7-2 antigen),CTLA-4 counter-receptor B7.2

Interactome



Gene Pathway

[Allograft rejection](#) [Autoimmune thyroid disease](#) [Cell adhesion molecules \(CAMs\)](#)
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[Toll-like receptor signaling pathway](#) [Type I diabetes mellitus](#)

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