

Mouse CD86 Monoclonal Antibody | anti-CD86 antibody

MOUSE ANTI RAT CD86

CATALOG # AAA12226	HOST Mouse	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Immunoprecipitation
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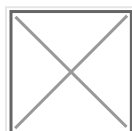
PRODUCT SYNONYMS

CD86; Monoclonal Antibody; MOUSE ANTI RAT CD86; anti-CD86 antibody

PRODUCT SPECIFICATIONS

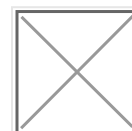
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	24F
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	323
Applicable Applications for anti-CD86 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul. Flow Cytometry: Minimum Dilution: 1/25; Maximum Dilution: 1/200
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃) Preparation
Immunogen	HTLV-1 transformed Lewis-S1 cells Fusion Partners
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD86 antibody, clone 42F followed by horseradish peroxidase conjugated Goat anti Mouse IgG . Low power



Application Data

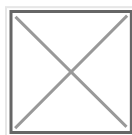
Immunoperoxidase staining of rat lymph node cryosection with Mouse anti Rat CD86 antibody, clone 42F followed by horseradish peroxidase conjugated Goat anti Mouse IgG . Medium power

**Application Data**

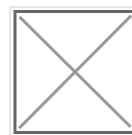
Staining of rat splenocytes with Mouse anti Rat CD86:RPE

**Application Data**

Staining of rat splenocytes with Mouse anti Rat CD86:Alexa Fluor ?647

**Application Data**

Staining of rat splenocytes with Mouse anti Rat CD86:Low Endotoxin

**Application Data**

Staining of rat splenocytes with Mouse anti Rat CD86:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD86 antibody

Mouse anti Rat CD86 antibody, clone 24F specifically recognizes rat CD86, otherwise known as B7-2, a type I transmembrane protein and member of the Ig superfamily, which acts as a ligand for both CD28 and CD152 (CTLA-4), and is primarily expressed on antigen presenting cells (APCs) including dendritic cells, and also on germinal centre B cells and macrophages. Like CD80, CD86 is an accessory molecule which functions in the CD28-CD80/CD86 co-stimulatory pathway, vital for T cell activation, crosstalk between T and B cells, and Th2-mediated Ig production. Mouse anti Rat CD86 antibody, clone 24F has been shown to block the co-stimulatory activity of rat CD86.

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456643
NCBI GeneID	942
UniProt Accession #	P42081; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27
Molecular Weight	28,420 Da
NCBI Official Full Name	CD86, partial
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
NCBI Protein Information	T-lymphocyte activation antigen CD86; B-lymphocyte activation antigen B7-2; BU63; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen); CTLA-4 counter-receptor B7.2; FUN-1
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	CD86
UniProt Synonym Gene Names	CD28LG2
UniProt Entry Name	CD86_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd86-antibody-clone-24f-immunohistochemistry-flow-cytometry-immunoprecipitation-elisa/12226>