

For Research Use Only

CoraLite®594 Anti-Human CD86 (BU63) Mouse IgG2a Recombinant Antibody

Catalog Number: CL594-65592



Basic Information

Catalog Number:

CL594-65592

Size:

100tests, 5 ul/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC040261

GeneID (NCBI):

942

ENSEMBL Gene ID:

ENSG00000114013

Full Name:

CD86 molecule

Calculated MW:

329 aa, 38 kDa

Purification Method:

Protein A purification

CloneNo.:

BU63

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

CD86 (also known as B7.2) is a costimulatory molecule belonging to the immunoglobulin superfamily. Primarily expressed on antigen-presenting cells (APCs), including B cells, dendritic cells, and macrophages, CD86 is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

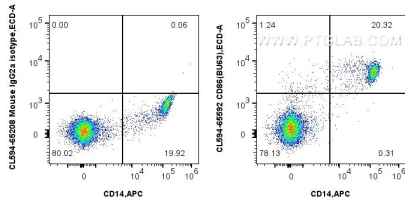
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-98040, Clone: 230332D7) and 5 ul CoraLite®594 Anti-Human CD86 (BU63) Mouse IgG2a RecAb (CL594-65592, Clone:BU63) or CoraLite®594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.