For Research Use Only

CoraLite® Plus 405 Anti-Human CD86 (BU63)

Catalog Number:CL405-65165

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL405-65165

Size:
100tests , 5 µl/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC040261

GeneID (NCBI):
942

ENSEMBL Gene ID:
ENSG00000114013

UNIPROT ID:
P42081

Full Name:
CD86 molecule

Calculated MW:
329 aa, 38 kDa

Purification Method:
Protein G purification

CloneNo.:
BU63

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 µl suspension

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:

FC : human PBMCs,

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.

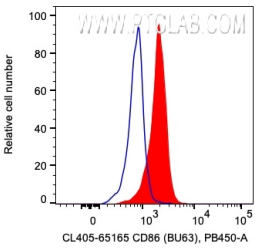
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

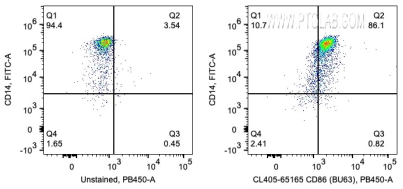
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD86 (CL405-65165, Clone: BU63) or unstained. Cells were not fixed. Monocytes were gated.



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