

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 647 Anti-Mouse CD86 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98025



## Basic Information

<b>Catalog Number:</b> CL647-FcA98025	<b>GenBank Accession Number:</b> NM_019388	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100ug, 500 ug/ml	<b>GeneID (NCBI):</b> 12524	<b>CloneNo.:</b> 230476B8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P42082-1	<b>Recommended Dilutions:</b> FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> CD86 antigen	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Immunogen Catalog Number:</b> EG0802	<b>Calculated MW:</b> 35 kDa	

## Applications

<b>Tested Applications:</b> FC	<b>Positive Controls:</b> FC : LPS treated mouse splenocytes,
<b>Species Specificity:</b> mouse	

## 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 CTLA-4. Binding of CD86 with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of CD86 with CTLA-4 negatively regulates T-cell activation and diminishes the immune response. (PMID: 7513726; 1847722; 11029388; 27591335)

## 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, pH7.3

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

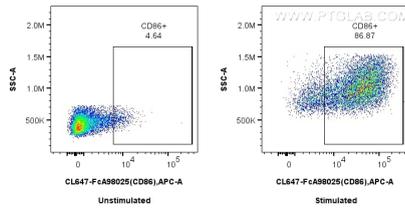
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## Selected Validation Data



1x10<sup>6</sup> untreated or LPS-treated mouse splenocytes were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CD86 Rabbit RecAb (CL647-FcA98025, Clone: 230476B8). Cells were not fixed.