



Rat Anti-Mouse CD86 mAb (PE/TR)

Catalog No	YP-Ab-17757
Isotype	IgG2a
Reactivity	Mouse
Applications	FC
Gene Name	Mouse CD86
Alternative Names	T-lymphocyte activation antigen CD86; Cd86; Activation B7-2 antigen; Early T-cell costimulatory molecule 1; ETC-1
Research Field	-
Product Categories	Flowcytometry
Host	Rat
Molecular Weight	-
Clonality	Monoclonal antibody
Clonality No.	GL-1
Dilution	FC: 5μL per test for million cells or whole blood in 100 μL volume.
Immunogen	A synthesized peptide derived from Mouse CD86
Purification	Affinity Purified
Conjugation	PE/TR
Modification	Unmodified
Form	Liquid
Buffer System	Liquid in PBS with 0.05% Proclin300, 1% BSA
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 2-8°C and protected from prolonged exposure to light. Avoid freeze/thaw cycles.
Background	CD86 is an 80 kD immunoglobulin superfamily member also known as B7-2, B70, and Ly-58. CD86 is expressed on activated B and T cells, macrophages, dendritic cells, and astrocytes. CD86, along with CD80, is a ligand of CD28 and CD152 (CTLA-4). CD86 is expressed earlier in the immune response than CD80. CD86 has also been shown to be involved in immunoglobulin class-switching and triggering of NK cell-mediated cytotoxicity. CD86 binds to CD28 to transduce co-stimulatory signals for T cell activation, proliferation, and cytokine production. CD86 can also bind to CD152, also known as CTLA-4, to deliver an inhibitory signal to T cells.

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images