Ablumir
Built Around Immunology

Anti-CD86 Mouse mAb [24C43]

Catalog No.: A32018

Basic Information

Catalog No. (Cat.No.)	A32018
Host species	Mouse
Reactivity	Human
Applications	IF,Flow Cyt
Synonyms	CD86,B7-2,B70,BB1,CD86 antigen

Product Information

Target	CD86
Molecular Weight(Calculated)	NA
Molecular Weight(Observed)	NA
Isotype	Mouse IgG1/Kappa
Conjugation	NA
Concentration	0.5 mg/ml
Clonality	Monoclonal
Clone No.	24C43
RRID	NA
Storage buffer	PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
IF	1:200-1:1000
Flow Cyt	1 μg/10^6 cells

Target Information

Protein Name	CD86 molecule
Gene Name	*CD86*
Domain	NA
Background	CD86 (Cluster of differentiation 86, B7-2) belongs to B7 co-stimulatory superfamily and delivers co-stimulatory signals for T-cell activation. Predominantly expressed on antigen-presenting cells including dendritic cells, macrophages and B-cells, CD86 maintains low basal expression and is strongly up-regulated upon inflammatory stimulation. It engages T-cell surface CD28 to deliver positive co-stimulation, cooperating with MHC-TCR signaling to drive T-cell proliferation, differentiation and cytokine secretion for adaptive immunity initiation. CD86 also binds CTLA-4 to transmit inhibitory signals for immune homeostasis.