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Built Around Immunology

Anti-CD86 Rabbit mAb [74G79]

Catalog No.: A52067

Basic Information

Catalog No. (Cat.No.)	A52067
Host species	Rabbit
Reactivity	Mouse
Applications	WB,IHC,IF,ELISA
Synonyms	CD86,B7-2,B70,BB1,CD86 antigen

Product Information

Target	CD86
Molecular Weight(Calculated)	60-80 kDa
Molecular Weight(Observed)	NA
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	74G79
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in 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

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Product Usage Information

Application	Dilution
WB	1:500-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

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.