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Product datasheet for TA813219M

ICOS Mouse Monoclonal Antibody [Clone ID: OTI9D2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI9D2
Applications:	FC
Recommended Dilution:	FLOW 1:100~400
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ICOS (NP_036224) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	20.2 kDa
Gene Name:	inducible T-cell costimulator
Database Link:	NP_036224 Entrez Gene 29851 Human Q9Y6W8
Background:	The protein encoded by this gene belongs to the CD28 and CTLA-4 cell-surface receptor family. It forms homodimers and plays an important role in cell-cell signaling, immune responses, and regulation of cell proliferation. [provided by RefSeq, Jul 2008]
Synonyms:	AILIM; CD278; CVID1
Protein Families:	Secreted Protein, Transmembrane

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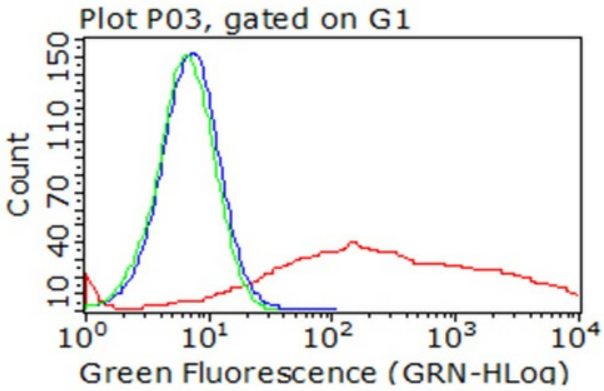
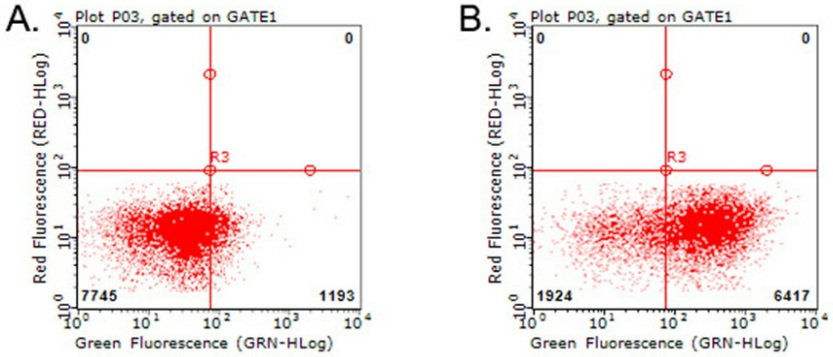
Protein Pathways: Cell adhesion molecules (CAMs), Primary immunodeficiency, T cell receptor signaling pathway

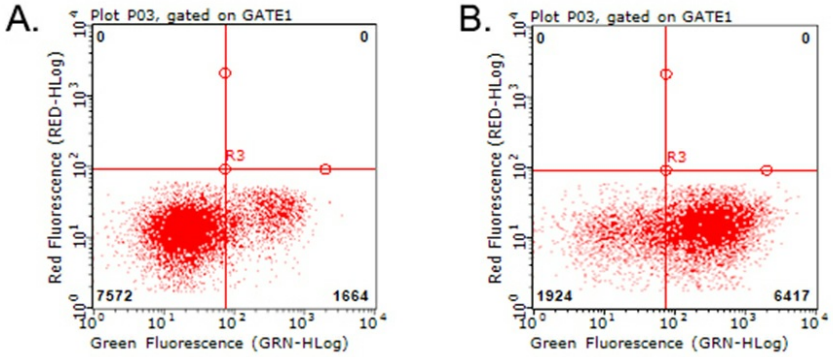
Product images:



Flow cytometric analysis of living 293T cells transfected with ICOS overexpression plasmid ([RC207031]), Red)/empty vector ([PS100001], Blue) using anti-ICOS antibody ([TA813219]). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:400).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h (Right)/untreated (Left) using anti-ICOS antibody ([TA813219]) (1:100).



Flow cytometric analysis of living PBMCs treated with 10ug/ml PHA for 72h using anti-ICOS antibody ([TA813219]) (Right). Cells incubated with a non-specific antibody (Left) were used as isotype control (1:100).