

Product datasheet for **TA320352**

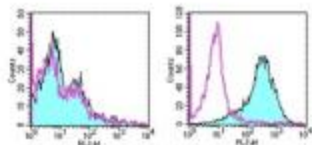
Icos Rat Monoclonal Antibody [Clone ID: 7E.17G9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7E.17G9
Applications:	FC
Recommended Dilution:	Flow
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	inducible T cell co-stimulator
Database Link:	NP_059508 Entrez Gene 54167 Mouse Q9WVS0
Background:	The 7E.17G9 monoclonal antibody reacts with mouse ICOS (Inducible COStimulatory molecule), a T cell specific molecule and a third member of the CD28/CTLA-4 family. A homodimer of 47-57 kDa, ICOS is expressed on activated T cells, has potent costimulatory activity for T cell activation and proliferation and is required for humoral immune response. ICOS binds to its ligand on activated APC including B cells called B7h/B7RP-1 and is thought to play a protective role in inflammatory autoimmune diseases. ICOS may be involved in the development of Th2 cells.
Synonyms:	AILIM; CD278; MGC39850



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Product images:

Staining of unstimulated (left) and 3 day ConA activated (right) BALB/c splenocytes with 0.06 ug of Rat IgG2b Isotype Control Purified (open histogram) or 0.06 ug of Anti-Mouse CD278 (ICOS) Purified (filled histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.