Anti-ICOS [7E.17G9] Standard Size Ab00814-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa
Clone Number: 7E.17G9
Alternative Name(s) of Target: CD278; AILIM; CVID1; inducible T-cell co-stimulator; inducible T-cell costimulator; 7E.17G9.G1.G7
UniProt Accession Number of Target Protein:
Published Application(s): Block, FC
Published Species Reactivity: Mouse
Immunogen: Rats were immunized i.m. three times with 500 mg murine ICOS cDNA in the pAXEF mammalian expression vector and boosted twice with 200 mg murine ICOS hexahistidine fusion protein.
Specificity: This anitbody binds to mouse ICOS (CD278).
Application Notes: This antibody can be used to detect mouse ICOS by flow-cytometry. Maazi et al (2015, PMID: 25769613) showed that 7E.17G9 can inhibit ICOS interaction with its ligand ICOSL.
Antibody First Published in: McAdam et al. Mouse Inducible Costimulatory Molecule (ICOS) Expression Is Enhanced by CD28 Costimulation and Regulates Differentiation of CD4+ T Cells J Immunol. 2000 Nov 1;165(9):5035-40. PMID:11046032
Note on publication: Describes the generation of this antibody and its use in detecting ICOS by flow-cytometry.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.

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