

Anti-ICOS [7E.17G9] Bulk Size Ab00814-2.0-BT

This chimeric mouse 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: Mouse IgG2a, 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 antibody 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: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

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.