

ICOS recombinant antibody

Anti-ICOS [7E.17G9], Rabbit IgG, kappa

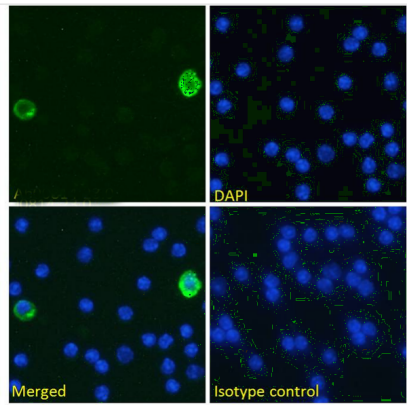
CATALOG # AAA72495	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

ICOS; Monoclonal Recombinant Antibody; Anti-ICOS [7E.17G9]; Rabbit IgG; kappa; CD278; AILIM; CVID1; inducible T-cell co-stimulator; inducible T-cell costimulator; 7E.17G9.G1.G7; ICOS recombinant antibody

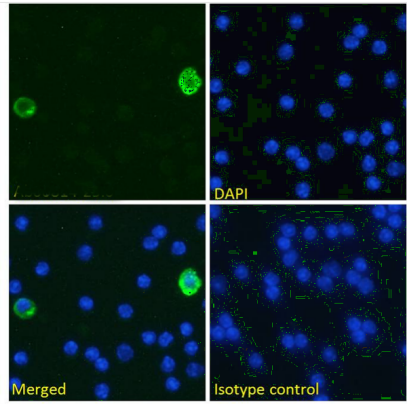
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	7E.17G9
Specificity	This anitbody binds to mouse ICOS (CD278).
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for ICOS recombinant antibody	Blocking, FCM/FACS (Flow Cytometry)
Chimeric Use Statement	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.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.



IF (Immunofluorescence)

Immunofluorescence staining of fixed mouse splenocytes with anti-ICOS (inducible T-cell costimulator) antibody 7E.17G9 (AAA72495). Immunofluorescence analysis of paraformaldehyde fixed rat (Mus musculus) splenocytes on coverslips, permeabilized with 0.15% Triton, stained with the chimeric rabbit version of 7E.17G9 (AAA72495) at 10 µg/ml for 1 h followed by Alexa Fluor 488 secondary antibody (1 µg/ml), showing membrane and some cytoplasmic staining. Top row: ICOS (green), DAPI (blue). Bottom row: Merged (green and blue), Isotype control (green).



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Immunofluorescence staining of fixed mouse splenocytes with anti-ICOS (inducible T-cell costimulator) antibody 7E.17G9 (AAA72495). Immunofluorescence analysis of paraformaldehyde fixed rat (Mus musculus) splenocytes on coverslips, permeabilized with 0.15% Triton, stained with the chimeric rabbit version of 7E.17G9 (AAA72495) at 10 µg/ml for 1 h followed by Alexa Fluor 488 secondary antibody (1 µg/ml), showing membrane and some cytoplasmic staining. Top row: ICOS (green), DAPI (blue). Bottom row: Merged (green and blue), Isotype control (green).

ADDITIONAL INFORMATION

Related Product Information for ICOS recombinant antibody	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.
References	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. N/A11046032 Note on publication: Describes the generation of this antibody and its use in detecting ICOS by flow-cytometry.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.