

DATASHEET

CD278 Rat Monoclonal Antibody(7E.17G9)

CAT. NO. AMA03733

KEY FEATURES

Target	CD278	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to CD278
Specificity	Recognizes mouse CD278
Antibody Type	Primary antibody
Immunogen	Mouse ICOS cDNA and ICOS hexahistidine fusion protein
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG2b kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	AILIM; Inducible T-cell costimulator; Activation-inducible lymphocyte immunomediatory molecule; CD278
Gene Symbol	ICOS
Entrez Gene	54167(Mouse)
SwissProt	Q9WVS0(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.