

DATASHEET

CD276 Rat Monoclonal Antibody(MJ18)

CAT. NO. AMA03829

KEY FEATURES

Target	CD276	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG1 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 immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

APPLICATION

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

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to CD276
Specificity	Recognizes mouse CD276
Antibody Type	Primary antibody
Immunogen	Mouse B7-H3 transfected L cell and P815
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG1 kappa. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	B7H3; CD276 antigen; 4Ig-B7-H3; B7 homolog 3; B7-H3; Costimulatory molecule; CD276
Gene Symbol	CD276
Entrez Gene	102657(Mouse)
SwissProt	Q8VE98(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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| 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.