DATASHEET

CD7 Mouse Monoclonal Antibody(T3-3A1)

CAT. NO. AMA03857

KEY FEATURES

Target	CD7	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors cells and their precursors . Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 . In turn, mediates the production of cytokines such as IL-2 . On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels .

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	Mouse monoclonal antibody to CD7
Specificity	Recognizes human CD7
Antibody Type	Primary antibody
Immunogen	Native purified human CD7.
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD antigen CD7
Gene Symbol	CD7
Entrez Gene	924(Human)
SwissProt	P09564(Human)

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

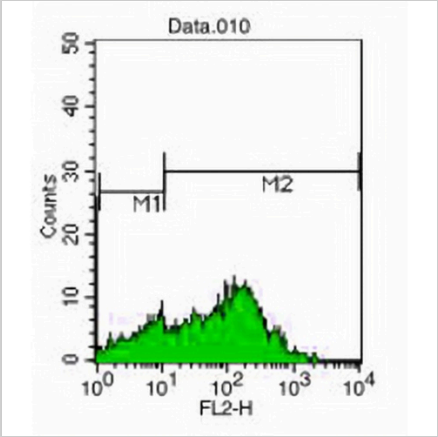
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

CD7 Mouse Monoclonal Antibody(T3-3A1)

CAT. NO. AMA03857

DATA



Flow cytometric analysis of human peripheral blood lymphocytes using Anti-CD7 Antibody, followed by anti-mouse IgG PE.

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.