

**DATASHEET**

**CD7 Rabbit Monoclonal Antibody (ARM608)**

CAT. NO. ARM6899

**KEY FEATURES**

Target	CD7	Clone ID	ARM608
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:50-1:200
Clonality	Monoclonal	Storage	-20°C

**BACKGROUND**

Cluster of Differentiation 7 (CD7) is an antigen expressed in immature and mature T-lymphocytes, thymocytes, peripheral blood T-cells, natural killer cells, myeloid precursors, fetal liver and bone marrow, a small subpopulation of normal B-cells, and malignant B-cells. The antigen belongs to the immunoglobulin gene superfamily, and plays an important role in T-cell interactions and T-cell/B-cell interactions during early lymphoid development. CD7 is indicated as a marker for acute myelogenous leukemia and chronic myelogenous leukemia, and for neoplastic proliferations such as T-cell acute lymphoblastic leukemia/lymphoma. Anti-CD7, when used in adjunct with Anti-CD4, is useful for differentiating mycosis fungoides or Sézary syndrome (both cutaneous T-cell lymphomas) from benign dermatoses.

**APPLICATION**

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

Application	IHC
Dilution Ratio	1:50-1:200

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

**PRODUCT OVERVIEW**

Antibody Type	Primary antibodies
Isotype	IgG
Positive Control	Tonsil, Peripheral T-Cell Lymphoma
Localization	Membranous
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CD7
Entrez Gene ID	924
Uniprot	P09564
Alternative Names	T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD7

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

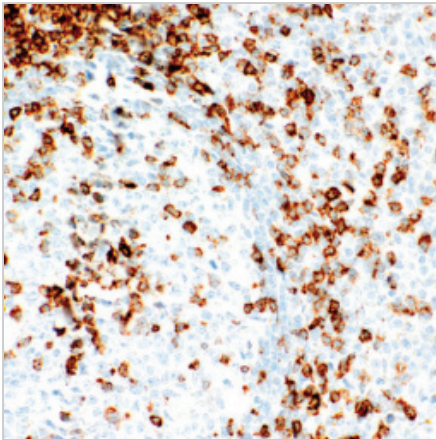
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**STORAGE**

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

**DATA**

Immunohistochemical staining of human tonsil tissue using CD7 Rabbit Monoclonal Antibody (ARM608).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / cd7-mouse-monoclonal-antibody-arm608-arm6899](http://www.arexbio.com/cd7-mouse-monoclonal-antibody-arm608-arm6899)