

**DATASHEET**

**CD8 Mouse Monoclonal Antibody (ARM961)**

CAT. NO. ARM6751

**KEY FEATURES**

Target	CD8	Clone ID	ARM961
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

**BACKGROUND**

Cluster of Differentiation 8 (CD8) is a transmembrane glycoprotein that serves as a co-receptor for the T-cell receptor. It is expressed in cytotoxic T-cells, natural killer cells, cortical thymocytes, some null cells, and bone marrow cells. Anti-CD8, in a panel of other antibodies, may be used to differentiate between reactive and neoplastic T-lymphocytes.

**APPLICATION**

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

Application	IHC
Dilution Ratio	1:100-1:200

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

**PRODUCT OVERVIEW**

Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Tonsil tissues
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	CD8A
Entrez Gene ID	925
Uniprot	P01732
Alternative Names	MAL; T-cell surface glycoprotein CD8 alpha chain; T-lymphocyte differentiation antigen T8/Leu-2; CD8a

\*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.

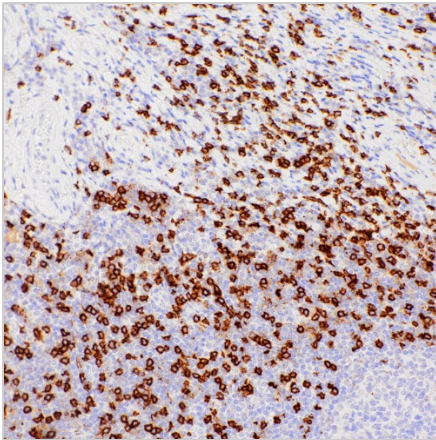
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 CD8 Mouse Monoclonal Antibody (ARM961).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / cd8-mouse-monoclonal-antibody-arm961-arm6751](http://www.arexbio.com/cd8-mouse-monoclonal-antibody-arm961-arm6751)