

## DATASHEET

# TIA-1 Mouse Monoclonal Antibody (ARM578)

CAT. NO. ARM6868

### KEY FEATURES

Target	TIA-1	Clone ID	ARM578
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

T-cell-restricted Intracellular Antigen-1 (TIA1) is an RNA-binding protein involved in apoptosis, which is present in natural killer cells and cytotoxic T cells. Anti-TIA1 stains hairy cell leukemia, large granular lymphocyte (LGL) leukemia, and T-cell lymphoma. As overexpression of TIA1 is characteristic of LGL leukemia and decreased levels of TIA1 is indicative of T-cell lymphocytosis and other T-cell diseases, Anti-TIA1 may be useful in distinguishing between these conditions. TIA1 could also be a useful marker for identifying tumour-infiltrating lymphocytes and understanding the immune response to cancers.

### 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

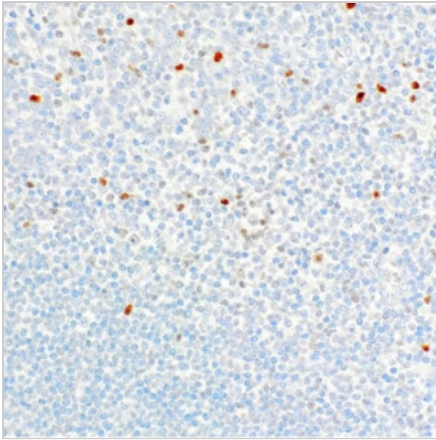
Antibody Type	Primary antibodies
Isotype	IgG1
Positive Control	Tonsil tissues
Localization	Cytoplasmic
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	TIA1
Entrez Gene ID	7072
Uniprot	P31483
Alternative Names	Cytotoxic granule-associated RNA-binding protein

\*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.

**DATASHEET****TIA-1 Mouse Monoclonal Antibody (ARM578)****CAT. NO. ARM6868****| 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 TIA-1 Mouse Monoclonal Antibody (ARM578).

**| RESEARCH USE ONLY**

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

More information: [www.arexbio.com / tia-1-mouse-monoclonal-antibody-arm578-arm6868](http://www.arexbio.com/tia-1-mouse-monoclonal-antibody-arm578-arm6868)