

**TIA-1**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80171****Specification**

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**TIA-1 - Product info**

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P31483</a>
Reactivity	<b>Human</b>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>42963</b>

**TIA-1 - Additional info**

Gene ID	<b>7072</b>
Gene Name	<b>TIA1</b>

**Other Names**

Cytotoxic granule associated RNA binding protein TIA1 {ECO:0000312|HGNC:HGNC:11802}, Nucleolysin TIA-1 isoform p40, RNA-binding protein TIA-1, T-cell-restricted intracellular antigen-1, TIA-1, p40-TIA-1, TIA1

**Dilution**

IHC-P~~Ready-to-use

**Storage**

Maintain refrigerated at 2-8°C

**Precautions**

**TIA-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

**TIA-1 - Protein Information****Name** TIA1**Function**

**Involved in alternative pre-RNA splicing and regulation of mRNA translation by binding to AU-rich elements (AREs) located in mRNA 3' untranslated regions (3' UTRs). Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis.**

**Cellular Location**

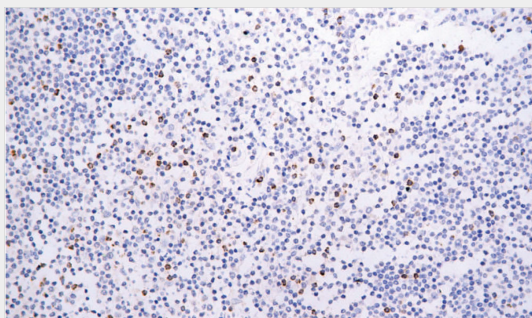
**Cytoplasm, Stress granule. Nucleus  
Note=Accumulates in cytoplasmic stress granules (SG) following cellular damage.**

**TIA-1 - Protocols**

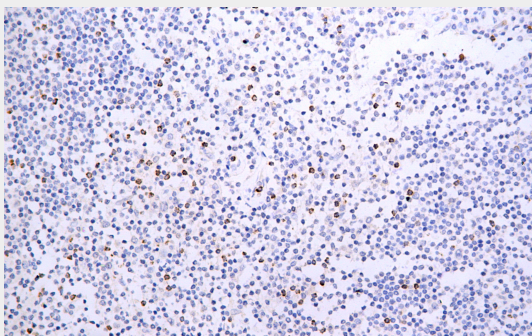
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **TIA-1 - Images**



Tonsil



Immunohistochemical analysis of paraffin-embedded O tissue using AD80292 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.