

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

TIA-1 - Product info

Application	IHC-P
Primary Accession	P31483
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	42963

TIA-1 - Additional info

Gene ID	7072
Gene Name	TIA1

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

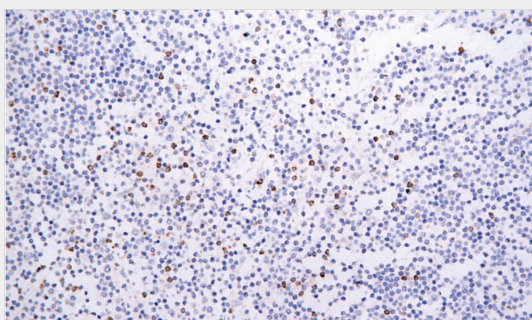
**Cytoplasm, Stress granule. Nucleus
Note=Accumulates in cytoplasmic stress granules (SG) following cellular damage.**

TIA-1 - Protocols

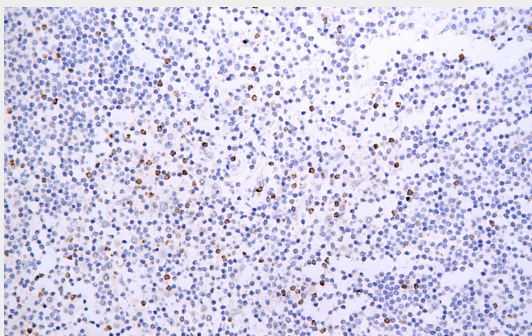
Provided below are standard protocols that you may find useful for product applications.

- [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.