

Rabbit anti-Human TIA-1 Monoclonal Antibody | anti-TIA-1 antibody

TIA-1 (RBT-TIA1)

CATALOG # AAA59419	HOST Rabbit	REACTIVITY Human
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PRODUCT SYNONYMS

TIA-1; Monoclonal Antibody; TIA-1 (RBT-TIA1); tia-1; anti-tia-1; tia1m anti-tia; tia; anti-tia; t-cell intracytoplasmic antigen; anti-t-cell; anti-TIA-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	RBT-TIA1
Form/Format	Paraffin, Frozen TIA-1 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Recombinant fragment corresponding to the N Terminus of the human TIA1.
Control	Tonsil, Spleen, Anaplastic Large Cell Lymphoma
Localization	Cytoplasmic
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

TIA-1 Antibody Immunohistochemistry on an FFPE CLL/SLL Lymphoma Tissue



Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-TIA-1 antibody

TIA-1 (T-cell intracytoplasmic antigen) is a 15 kDa cytoplasmic granule-associated protein, expressed in lymphocytes processing cytolytic potential. TIA-1 is a member of an RNA-binding protein family and possesses nucleolytic activity against cytotoxic lymphocyte (CTL) target cells. It has been suggested that this protein may be involved in the induction of apoptosis as it preferentially recognizes poly(A) homopolymers and induces DNA fragmentation in CTL targets. The major granule-associated species is a 15 kDa protein thought to be derived from the carboxyl terminus of the 40 kDa product by proteolytic processing.

The expression of TIA-1 antibody has been studied in anaplastic large cell lymphomas (ALCL), NK-cell lymphomas, peripheral T-cell lymphomas, T-cell lymphocytosis, B-cell lymphomas and lymphoblastic leukemia, and Hodgkin's lymphoma, etc. Studies show that 60 to 70% of anaplastic large cell lymphomas react with TIA-1. TIA-1 also reacts with most large granular lymphocytic leukemias, hepatosplenic T-cell lymphomas, intestinal T-cell lymphomas, NK-like T-cell lymphomas, NK-cell lymphomas, nasal T/NK-cell lymphomas, subcutaneous T-cell lymphomas and pulmonary angiocentric lymphomas of T-or NK-phenotype. All B-cell lymphomas, Hodgkin's and lymphoblastic leukemias are negative for TIA-1 antibody.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tia-1-antibody-clone-rbt-tia1-elisa/59419>