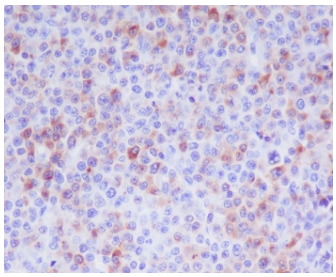
Granzyme B Antibody [clone AAHC-7] (RQ5315)

Catalog No.	Formulation	Size
RQ5315	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAHC-7
Purity	Affinity purified
UniProt	P10144
Applications	Immunohistochemistry (FFPE): 1:50-1:200
Limitations	This Granzyme B antibody is available for research use only.



Granzyme B Antibody Human T-Cell Lymphoma IHC. Immunohistochemical staining of FFPE human T-cell lymphoma tissue using Granzyme B Antibody. HIER was performed in pH 6 citrate buffer. An HRP-conjugated secondary antibody with DAB substrate was used for detection. Granzyme B Antibody, a Cytotoxic Lymphocyte Marker Antibody, demonstrates granular cytoplasmic staining in a subset of neoplastic lymphoid cells, consistent with granzyme B expression in cytotoxic T-cell lymphoma.

Description

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

Learn more about our Granzyme B Antibody, a Cytotoxic Lymphocyte Marker Antibody for investigating immune cell activation, cell-mediated cytotoxicity, tumor immunity, and natural killer cell function.

Application Notes

Optimal dilution of the Granzyme B antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Granzyme B / GZMB was used as the immunogen for the Granzyme B antibody.

Storage

Store the Granzyme B antibody at -20oC.

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