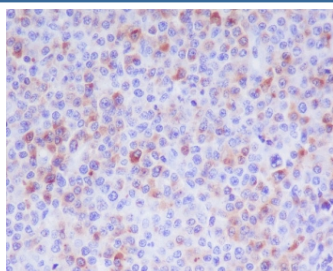


Granzyme B Antibody [clone AAHC-7] (RQ5315)

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
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.



IHC staining of FFPE human T-cell lymphoma tissue with Granzyme B antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

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.

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.