

Anti-Granzyme B GZMB Monoclonal Antibody

Catalog Number: M00353-1

About GZMB

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

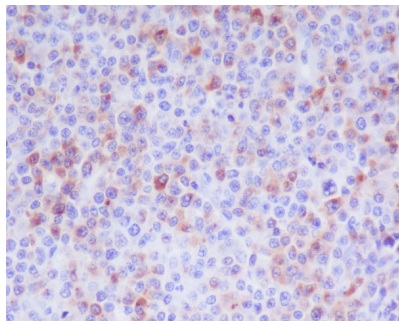
Product Name	Anti-Granzyme B GZMB Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Granzyme B GZMB Monoclonal Antibody catalog # M00353-1. Tested in IHC, ICC/IF, IP applications. This antibody reacts with Human.
Application	IP, IF, IHC, ICC
Clonality	Monoclonal AAHC-7
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10144

Technical Details

Immunogen	A synthesized peptide derived from human Granzyme B 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.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
IHC 1:50-1:200
ICC/IF 1:50-1:200
IP 1:50

Anti-Granzyme B GZMB Monoclonal Antibody (M00353-1) Images



Immunohistochemical analysis of paraffin-embedded human T cell lymphoma, using Granzyme B Antibody.

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