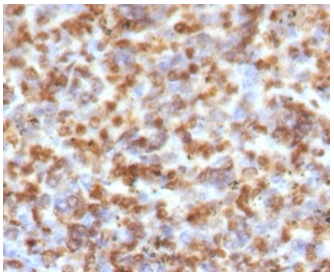
Granzyme B Antibody [clone GZB-1] (V7638)

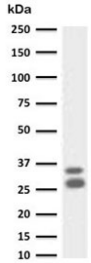
Catalog No.	Formulation	Size
V7638-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7638-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7638SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	GZB-1
Purity	Protein G affinity chromatography
UniProt	P10144
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Granzyme B antibody is available for research use only.



IHC staining of FFPE human spleen with Granzyme B antibody (clone GZB-1). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



Western blot testing of human spleen lysate with Granzyme B antibody (clone GZB-1). Predicted molecular weight: 29-37 kDa.

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. [UniProt]

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

Amino acids 73-187 were used as the immunogen for the Granzyme B antibody.

Storage

Store the Granzyme B antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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