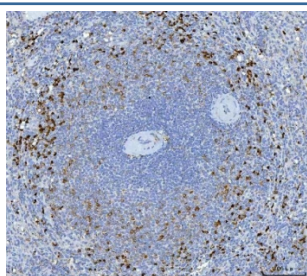


GZMK Antibody / Granzyme K (RQ7373)

Catalog No.	Formulation	Size
RQ7373	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P49863
Localization	Cytoplasmic, secreted
Applications	Immunohistochemistry (FFPE) : 2-5ug/ml
Limitations	This GZMK antibody is available for research use only.



IHC staining of FFPE human spleen tissue with GZMK antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Granzyme K is a protein that in humans is encoded by the GZMK gene. This gene product is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes

Application Notes

Optimal dilution of the GZMK antibody should be determined by the researcher.

Immunogen

Amino acids DIMLVKLQTAAKLNKHKMLHIR were used as the immunogen for the GZMK antibody.

Storage

After reconstitution, the GZMK antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.