BT LAB
Bioassay Technology Laboratory
Optimize Your Research

GZMK Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3200
Host	Mouse
Isotype	Mouse IgG2b
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human GZMK (AA: 27-264) expressed in E. Coli.
Mol wt	29kda
Species reactivity	Others
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	TRYP2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. [provided by RefSeq, Jul 2008]

Recommended Dilution

WB: 1:500 - 1:2000

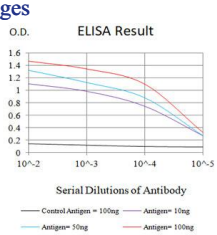
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

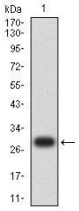
ELISA: 1:10000

Not yet tested in other applications.

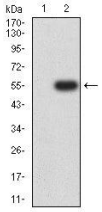
Images



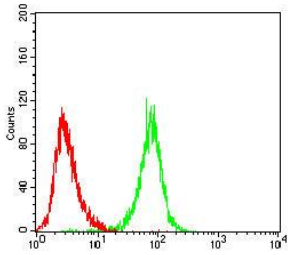
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



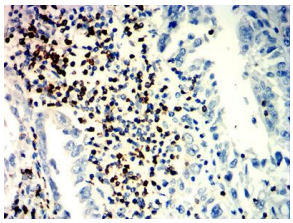
Western blot analysis using GZMK mAb against human GZMK (AA: 27-264) recombinant protein. (Expected MW is 28.7kDa)



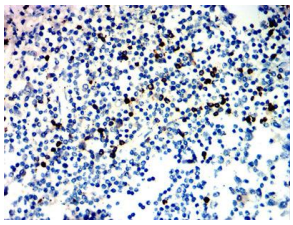
Western blot analysis using GZMK mAb against HEK293-6e (1) and GZMK (AA: 27-264)-hIgGFc transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of Jurkat cells using GZMK mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using GZMK mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded tonsil tissues using GZMK mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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