



Granzyme H Monoclonal Antibody

Catalog No	YP-mAb-00417
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GZMH
Immunogen	The antiserum was produced against synthesized peptide derived from human GRAH. AA range:51-100
Specificity	Granzyme H Monoclonal Antibody detects endogenous levels of Granzyme H protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Cathepsin G like 2;CCP X;CGL 2;CGL2;CSP C;CTLA1;CTSG2;Cytotoxic serine protease C;Granzyme H;GZMH;CCP-X;Cathepsin G-like 2;Cytotoxic T-lymphocyte proteinase;CSP-C
Observed Band	23kD
Calculated Molecular Weight	23kD
Cell Pathway	Cytolytic granule .
Tissue Specificity	Constitutively expressed in NK cells.
Function	function:This enzyme is probably necessary for target cell lysis in cell-mediated immune responses.,similarity:Belongs to the peptidase S1 family.,similarity:Belongs to the peptidase S1 family. Granzyme subfamily.,similarity:Contains 1 peptidase S1 domain.,subcellular location:Cytoplasmic granules of cytolytic T-lymphocytes.,
Background	This gene encodes a member of the peptidase S1 family of serine proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate a



chymotrypsin-like protease. This protein is reported to be constitutively expressed in the NK (natural killer) cells of the immune system and may play a role in the cytotoxic arm of the innate immune response by inducing target cell death and by directly cleaving substrates in pathogen-infected cells. This gene is present in a gene cluster with another member of the granzyme subfamily on chromosome 14. [provided by RefSeq, Nov 2015],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

