

## Granzyme M Polyclonal Antibody

<b>Catalog No :</b>	YT6049
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Granzyme M
<b>Gene Name :</b>	GZMM MET1
<b>Protein Name :</b>	Granzyme M (EC 3.4.21.-) (Met-1 serine protease) (Hu-Met-1) (Met-ase) (Natural killer cell granular protease)
<b>Human Gene Id :</b>	3004
<b>Human Swiss Prot No :</b>	P51124
<b>Immunogen :</b>	Synthetic peptide from human protein at AA range: 207-256
<b>Specificity :</b>	The antibody detects endogenous Granzyme M
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, ELISA 1:10000-20000. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Background :</b>	Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products:

granzyme A, granzyme B, granzyme H, and the protein encoded by this gene, granzyme M. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012],

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**Function :**

function:Cleaves peptide substrates after methionine, leucine, and norleucine.,similarity:Belongs to the peptidase S1 family. Granzyme subfamily.,similarity:Contains 1 peptidase S1 domain.,subcellular location:Granules of large granular lymphocytes.,

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**Subcellular Location :**

Secreted. Cytoplasmic granule. Granules of large granular lymphocytes.

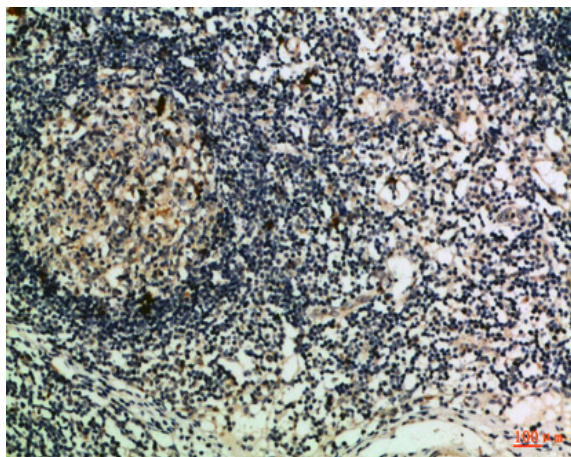
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**Expression :**

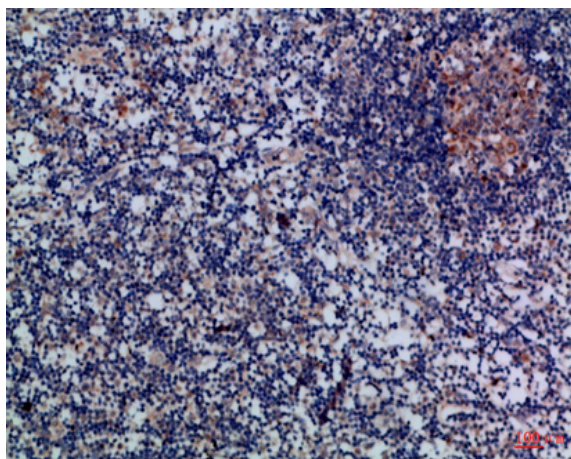
Highly and constitutively expressed in activated natural killer (NK) cells.

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## Products Images



Immunohistochemical analysis of paraffin-embedded Human-lymph, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-lymph, antibody was diluted at 1:100