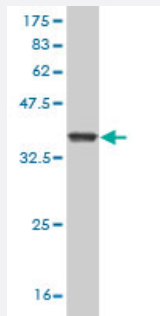


GZMM monoclonal antibody (M03), clone 4D11

Catalog # H00003004-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GZMM.
Immunogen	GZMM (NP_005308, 85 a.a. ~ 193 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DSPGLTFHIKAAIQHPRYKVPVPALENDLALLQLDGKVKPSRTIRPLALPSKRQVVAAGTRCSMAG WGLTHQGGRLSRVLRDLQVLDTRMCNNSRFWNGSLSPSMVCL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (64); Rat (66)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GZMM

Entrez GeneID [3004](#)

GeneBank Accession# [NM_005317](#)

Protein Accession# [NP_005308](#)

Gene Name GZMM

Gene Alias LMET1, MET1

Gene Description granzyme M (lymphocyte met-ase 1)

Omim ID [600311](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 Met-ase, also known as granzyme M. [provided by RefSeq]

Other Designations granzyme M|lymphocyte met-ase 1

Publication Reference

- [Granzyme M as a novel effector molecule for human cytolytic fusion proteins: CD64-specific cytotoxicity of Gm-H22\(scFv\) against leukemic cells.](#)

Schiffer S, Letzian S, Jost E, Mladenov R, Hristodorov D, Huhn M, Fischer R, Barth S, Thepen T.

Cancer Letters 2013 Dec; 341(2):178.

Application: WB-Tr, Human, HEK 293T cells