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GZMM Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant GZMM.
Catalog # AT2305a

Specification

GZMM Antibody (monoclonal) (M03) - Product Information

Application	**WB**
Primary Accession	P51124
Other Accession	NM_005317
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**27545**

GZMM Antibody (monoclonal) (M03) - Additional Information

Gene ID 3004

Other Names
Granzyme M, 3421-, Met-1 serine protease, Hu-Met-1, Met-ase, Natural killer cell granular protease, GZMM, MET1

Target/Specificity
GZMM (NP_005308, 85 a.a. ~ 193 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
GZMM Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

GZMM Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

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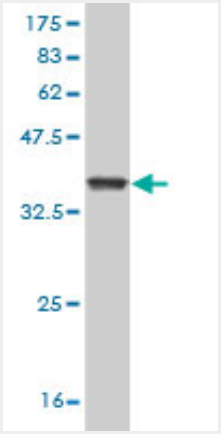
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GZMM Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .

GZMM Antibody (monoclonal) (M03) - Background

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.

GZMM Antibody (monoclonal) (M03) - References

1.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 TCancer Lett. 2013 Aug 22. pii: S0304-3835(13)00578-8. doi: 10.1016/j.canlet.2013.08.005.