10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GZMM Antibody (monoclonal) (M03)

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

Product Information

Application	WB
Primary Accession	P51124
Other Accession	NM_005317
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4D11
Calculated MW	27545

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.

Background

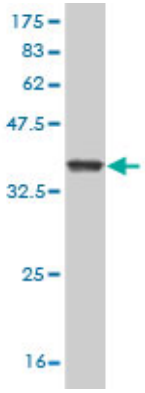
Human natural killer (NK) cells and activated lymphocytes express and store a distinct subset of neutral serine proteases together with proteoglycans and other immune effector molecules in large cytoplasmic granules. These serine proteases are collectively termed granzymes and include 4 distinct gene products: granzyme A, granzyme B, granzyme H, and Met-ase, also known as granzyme M.

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.