

Monoclonal antibody against murine Granzyme A (mTSP-1)

Product Nos. ADG0466L and ADG0467L

Description

The monoclonal antibodies ADG0466L (clone HD-TSP 6.2) and ADG0467L (clone HD-TSP 7.1) are directed against murine Granzyme A (murine T cell-specific serine protease 1, mTSP-1). Rats were immunized with purified Granzyme A isolated from long term culture cytolytic killer TLC cells (1.3E6SN). The antibodies have been purified from cell culture supernatant using Protein G affinity chromatography. The antibodies react with both native and recombinant Granzyme A.

Presentation

Screw capped vial containing 1 mg of purified antibody in PBS pH 7.4. The IgG concentration is given on the vial label. Spin the vial briefly before opening.

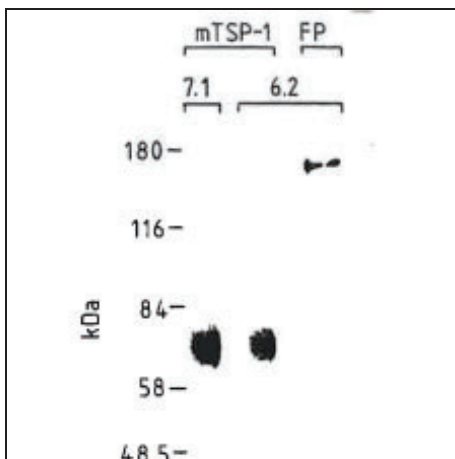
Storage and Stability

Store the antibody at 2°-8°C. For long-term storage the antibody should be aliquoted and stored at -20°C or colder. It is recommended to avoid freeze-thaw cycles.

Applications

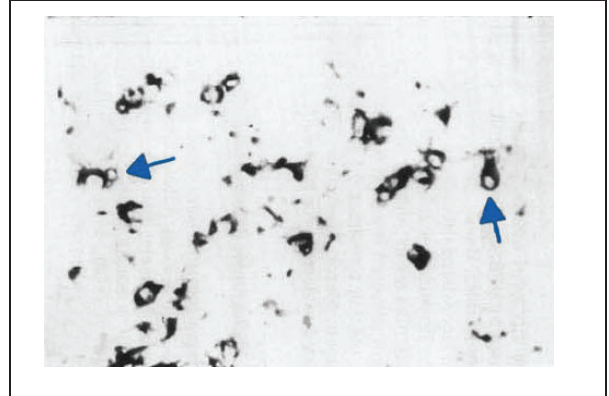
Western Blot

The antibodies recognize native (mTSP-1) and recombinant Granzyme A/fusion protein (FP) following SDS-PAGE under non-reducing conditions. A primary antibody concentration of 1-10 µg/mL is recommended.

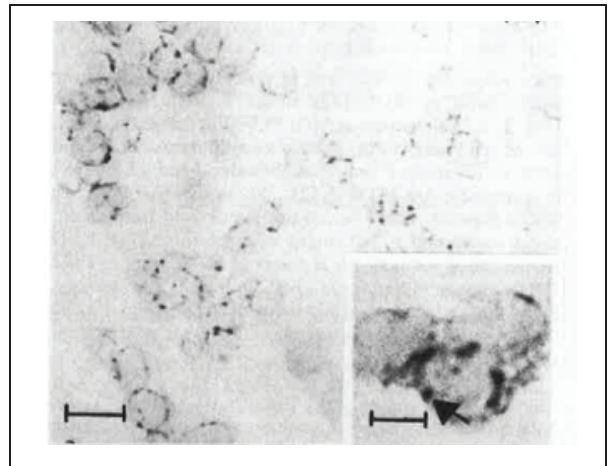


Immunohistochemistry

The antibody can be used for immune-histological staining of acetone fixed cryosections. A primary antibody concentration of 1-10 µg/mL is recommended.



Section of spleen from a mouse infected with LCM virus stained with HD-TSP 7.1 (arrows point to cytoplasmic staining)



Cytolytic TLC 1.3E6SN long term culture cell line stained with HD-TSP 6.2 (Inset: arrow point to granular cytoplasmic staining)

References

Expression of cytoplasmic granules with T cell-associated serine proteinase-1 activity in Ly-2+(CDS+) T lymphocytes responding to lymphocytic choriomeningitis virus *in vivo**. Kramer MD et al. Eur J Immunol. 1989 Jan;19(1):151-156.

Expression of T-cell-associated serine proteinase 1 during murine *Leishmania major* infection correlates with susceptibility to disease. Moll H, Müller C, Gillitzer R, Fuchs H, Rölinghoff M, Simon MM, Kramer MD. Infect Immun. 1991 Dec;59(12):4701-4705.

Distributed by:

LOXO
GMBH
IMMUNOLOGIE • MOLEKULARBIOLOGIE
BIOCHEMIE • PRODUKTE UND SYSTEME

Gerhart-Hauptmann-Str. 48
69221 Dossenheim
Tel +49 6221 868023
Fax +49 6221 8680255
www.loxo.de - info@loxoxo.de

For research use only!

Hinweis/Note:

ADG0466L + ADG0467L©06102022

Der Packungsbeileger dient nur als erste Information. Der relevante Packungsbeileger liegt der Ware bei.

The datasheet is for information purposes only. The current datasheet will be enclosed with product shipment.