SZABO SCANDIC

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Produktinformation

- Forschungsprodukte & Biochemikalien
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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse anti-TIA, clone 2G9A10F5 (Monoclonal)

Clone no. 2G9A10F5

MONOSAN

Product name	Mouse anti-TIA, clone 2G9A10F5 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:200)
Species reactivity	Human
Conjugate	-
Immunogen	Human bone marrow malignant cells from a non- B, non-T acute leukemia
Isotype	IgG1
Clonality	Monoclonal
Clone number	2G9A10F5
Size	1 ml
Concentration	n/a
Format	Purified
Storage buffer	Liquid purified Ascites, purified with Protein G Chromatography with 15mM Sodium Azide
Storage until expiry date	2-8°C

Product datasheet MON10212

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Additional info

Originally, the 2G9 monoclonal antibody (mAb) was described as identifying a 15 kDa protein found in the cytoplasmic granules of cytotoxic T cells that might be part of a larger 40 kDa molecule, ubiquitously expressed, named p40-TIA-1 and often referred to as TIA-1 in the literature (1, 2). Now, however, there is evidence that the 2G9 mAb identifies a 17 kDa cytoplasmic granule membrane protein named GMP-17 that has no similarity with p40-TIA-1 (3). The GMP-17 antigen is a 165 amino acid protein with 4 transmembrane domains: but it is not a typical member of the fourtransmembrane superfamily. It is identical with previously identified cytotoxic granule proteins called NKG7 and GIG-1 – for GCSF induced gene protein 1 –, isolated from NK cells and granulocyte-colony-stimulatingfactor- treated mononuclear cells, respectively (4, 5).
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Tonsil. Staining granular

References

1. Anderson, P. et al, 1990, J. Immunol., 2, 144, 574.
2. Tian, Q., et al, 1991, Cell, 67, 629-639.
3. Medley, et al, 1996, Proc. Natl. Acad. Sci. U S A, 93, 2, 685-9.
4. Turman, M.A., et al, 1993, Hum. Immunol., 36, 1, 34-40.
5. Shimane, et al, 1994, Biochem Biophys Res Commun., 199, 1, 26-32.