

Mouse anti-Granzyme B, clone GrB-7 (Monoclonal)

Clone no. GrB-7

MONOSAN

Product name	Mouse anti-Granzyme B, clone GrB-7 (Monoclonal)
Host	Mouse
Applications	ICC, ELISA, IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	GrB-7
Size	1 ml
Concentration	100 ug/ ml
Format	Protein G purified
Storage buffer	PBS with 0.1% BSA and 0.1% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The antibody reacts with the 33 kD human serine protease granzyme B. It does not react with human granzyme A. It is used as a marker for NK-cells and activated cytotoxic T-cells (CTL). This protease is localized in cytoplasmic granules and gives a granular staining pattern. Granzyme B is involved in target cell apoptosis during lymphocyte mediated cyto-toxicity. Exocytosis of granzyme containing granules in the cytoplasm of the target cell will lead to induction of DNA fragmentation and apoptosis of the target cell.

References

1. Kummer, J.A et al. J. Immunol. Methods 1993; 163: 77
2. Kummer, J.A et al. Clin. Exp. Immunol. 1995;100: 164
3. de Bruin, P.C. et al. Blood 1994; 84: 3785-3791
4. Oudejans, JJ et al. Am. J. Pathology 1996; 148: 233-240
5. Oudejans, JJ et al. Blood 1996; 87: 3844-3851

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