

Mouse anti-Human Perforin, clone MRQ-23 (Monoclonal)

Clone no. MRQ-23

MONOSAN

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Product name	Mouse anti-Human Perforin, clone MRQ-23 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:10-1:50)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-23
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 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**

Perforin is a pore-forming protein that leads to osmotic lysis of the target cells and subsequently enables granzymes to enter the target cells and activate apoptosis, the cell death program. The expression of perforin is reportedly upregulated in activated CD8+ T-cells, natural killer cells and some CD4+ T-cells.

**References**

1. Chu PG, et al. Ann Diagn Pathol. 1999; 3:104-33
2. Bittmann I, et al. Arch. 2004; 445:375-81
3. d'Amore ES, et al. Pediatr Dev Pathol. 2007; 10:181-91
4. -
5. -

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