

Mouse anti-Proteinase Inhibitor 9, clone PI9-17 (Monoclonal)

Clone no. PI9-17

MONOSAN

Product name	Mouse anti-Proteinase Inhibitor 9, clone PI9-17 (Monoclonal)
Host	Mouse
Applications	IHC (1:100), WB
Species reactivity	human
Conjugate	-
Immunogen	fl recombinant PI9
Isotype	IgG1
Clonality	Monoclonal
Clone number	PI9-17
Size	1 ml
Concentration	250 ug/ml
Format	-
Storage buffer	serumfree culture supernatant with 0.7% 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 human intracellular serpin proteinase inhibitor 9 (PI9) is the only human protein able to inhibit the activity of the serine protease granzyme B. Granzyme B is expressed by cytotoxic lymphocytes and induces rapid target cell apoptosis. PI9-17 Mab was selected after immunization with full length recombinant PI9 produced in Escherichia coli. No cross reactivity with other, homologous serpins (PI6, PI8 and PAI-2) was observed.

References

1. Bird CH et al. Mol.Cell.Biol 1998; 18: 6387
2. Bladergroen BA et al. J of Immunol 2001; 166: 3218-325
3. Bladergroen BA et al. Blood 2002; 99: 232-237
4. -
5. -

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