

Mouse anti-Myeloid Specific Antigen, clone BM-3 (Monoclonal)

Clone no. BM-3

MONOSAN

Product name	Mouse anti-Myeloid Specific Antigen, clone BM-3 (Monoclonal)
Host	Mouse
Applications	IHC-fr, IF, IP
Species reactivity	human
Conjugate	-
Immunogen	nuclei from Pokeweed mitrogen stimulated human peripheral blood lymphocytes
Isotype	IgG1
Clonality	Monoclonal
Clone number	BM-3
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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

Induction studies using HL-60 cells showed that BM-3 identifies a nuclear antigen which is expressed during the early phases of myeloid differentiation, making BM-3 an early marker of myeloid differentiation. It is found in 98% of human granulocytes, in 80% of human monocytes and in myeloid precursor cells, residing in lymphoid and non-lymphoid tissues. It also reacts with a subset of myeloid leukemia cells. BM-3 has no reactivity with any other cell type in human tissues. In experiments using S-35 methionine labeled human myeloid leukemia cells BM-3 immunoprecipitated a 13 kDa protein.

References

1. Epstein, AL et al. Blood 70:1124-1130 (1987)
2. Murao et al, Cancer Research 45: 791-795 (1985)
3. -
4. -
5. -

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