

Mouse anti-MHC I B27, clone EP-4 (Monoclonal)

Clone no. EP-4

MONOSAN

Product name	Mouse anti-MHC I B27, clone EP-4 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	lymphocytes from an HLA-B27 patient
Isotype	IgM-K
Clonality	Monoclonal
Clone number	EP-4
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

EP-4 recognizes the HLA-B27 cell surface antigen on human cells. HLA-B27 has been found to be highly associated (60%) with ankylosing spondylitis (Bekhterev's disease, MarieStrümpell disease or "bamboo spine"). While rheumatoid factor tests will be negative, testing for the presence of HLA-B27 in a patient can confirm the diagnosis of ankylosing spondylitis. Also postgonococcal arthritis and acute anterior uveitis are associated with HLA-B27.

References

1. Hansen JA et al. Hematol Oncol Clin North Am, 4(3): 507-515 (1990)
2. El-Shabrawi, Y. et al. Ophthalmology 113: 695-700 (2006)
3. Kellner H, Clin Investig. 72(4): 321-8 (1994)
4. -
5. -

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