Product datasheet MON9868



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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