

Product datasheet MON1012

MONOSAN[®]

Mouse anti-CD57, clone NK-1 (Monoclonal)

Clone no. NK-1

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Product name Mouse anti-CD57, clone NK-1 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IHC-P, IF, WB

Species reactivity human

Conjugate -

Immunogen preparation of HSB-2 T cell line

Isotype IgM

Clonality Monoclonal

Clone number NK-1

Size 100 ug

Concentration 100 ug/ul

Format -

Storage buffer PBS with 0.02% sodium azide

Storage until expiry date 2-8°C

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Revision date
22-12-2021

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Additional info

NK-1 reacts with CD57, a 110 kDa antigen present on the surface of human NK-cells and Tcell subsets. In adult peripheral blood 20% of mononuclear cells are positive. Other positive tissues include peripheral nerves (myelin-associated glycoprotein) and prostate. Anti-CD57 also stains neuroendocrine cells and their derived tumors, including carcinoid tumor and medulloblastomas. Anti-CD57 can also be useful in separating type B3 thymoma from thymic carcinoma when combined with a panel that includes antibodies against GLUT1, CD5, and CEA.

References

1. Abo T et al. J. Immunol 127:1024 (1981)
2. Abo T et al. J Immunol 129(4):1752-7 (1982)
3. Abo T et al. J Immunol 129(4):1758-61 (1982)
4. McGarry, RC et al. Nature 306:376 (1983)
5. Lanier, LL et al. J. Immunology 131:1789 (1983)

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