

Product datasheet MON2003

MONOSAN[®]

Mouse anti-CD90, clone AF-9 (Monoclonal)

Clone no. AF-9

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Product name Mouse anti-CD90, clone AF-9 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IF

Species reactivity human, cow

Conjugate -

Immunogen T cell lymphoma cells

Isotype IgG1

Clonality Monoclonal

Clone number AF-9

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

CD90 (Thy-1) is an 18-35 kDa GPI-anchored glycoprotein and a member of the immunoglobulin superfamily. It may contribute to inhibition of proliferation/differentiation of hematopoietic stem cells and neuron memory formation in the CNS. It consists of a single Ig domain (112 amino acids; 25-35 kDa) inserted into the cell membrane via a GPI-anchor. Expressed by hematopoietic stem cells and neurons in all species studied. Its highly expressed in connective tissue and various fibroblasts and stromal cell lines, expressed only on small % fetal thymocytes, 10-40% of CD34+ cells in bone marrow, and

References

1. Cervelló I et al. PLoS One 6: e21221 (2011)
2. Lehmann GM et al. Am J Physiol Cell Physiol 299: C672-81 (2010)
3. -
4. -
5. -

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