

Mouse anti-CD44, clone 145-23 (Monoclonal)

Clone no. 145-23

MONOSAN

Product name Mouse anti-CD44, clone 145-23 (Monoclonal)

Host Mouse

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

Species reactivity human, mouse

Conjugate -

Immunogen stimulated human leucocytes

Isotype IgG1-K

Clonality Monoclonal

Clone number 145-23

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

145-23 reacts with CD44, a type 1 transmembrane glycoprotein providing cell-cell and cellmatrix adhesion while linked to the cytoskeleton. It is involved in haematopoiesis, lymphocyte homing and activation, and tumor metastasis. It binds to fibrin, hyaluronate and other matrix proteins. On tumors CD44H is highly expressed, suggesting an important role in progression for this isoform. CD44 also forms the protein backbone of the human erythrocyte Lutheran antigen system. The epitope of 145-23 is resistant to (chemo)trypsin digestion.

References

1. Nishina S. et al., Graefes Archiv. Clin. Exp. Ophthalm. 235: 92-96 (1997)
2. Horny H.P. et al. Virchows Arch. 429: 91-94 (1996)
3. -
4. -
5. -

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