

Mouse anti-CD15/FUTU4/Lex, clone FR4A5 (Monoclonal)

Clone no. FR4A5

MONOSAN

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Product name	Mouse anti-CD15/FUTU4/Lex, clone FR4A5 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	RAJl cells. Splenocytes were fused with mouse myeloma X63Ag8/653 cells
Isotype	IgM-K
Clonality	Monoclonal
Clone number	FR4A5
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**

FR4A5 reacts with CD15 (220 kDa). CD15 contains the pentasaccharide lacto-n-fucopentaose III and plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. In addition, CD15 is expressed in Reed-Sternberg cells and some epithelial cells. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes which otherwise have a quite distinct histological appearance. It is also expressed on a wide variety of other tumor cells including myeloid leukemia, breast, colorectal, and lung cancer cells. Cross reactivity has been observed with Glc $\alpha$ 1-6Glc $\alpha$ 1-4Glc, Tn, blood group H1, and maltose.

**References**

1. Manimala J.C. et al. Glycobiology. 17(8): 17C-23C (2007)
2. Gildersleeve J. et al. Glycobiology. 18(0): 746 (2008)
3. -
4. -
5. -

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