Product datasheet MON9932

Mouse anti-CD21, clone FR5A10 (Monoclonal)

Clone no. FR5A10

MONOSAN

Product name	Mouse anti-CD21, clone FR5A10 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF
Species reactivity	human
Conjugate	-
Immunogen	RAJI cells
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	FR5A10
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

FR5A10 reacts with CD21, a 140 kDa cell surface molecule which acts as a receptor for EBV, for human complement factor C3d (CR2) and for IFN-alpha. It is a glycoprotein, made up of multiple (n=15) Short Consensus Repeats (S.C.R.) sequences. FR5A10 has been assigned to (S.C.R.) sequences. FR5A10 has been assigned to S.C.R. numbers 5-8. FR5A10 is highly specific to CR2 and shows no cross-reaction with CR1. CD21 is expressed strongly on mature B-cells, follicular dendritic cells and weakly on immature thymocytes and T-lymphocytes. In B-cell ontogeny, CD21 appears after the preB-stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CD21 expression is also gradually lost after stimulation of B-cells in vitro.

References

1. Schlossman SF et al. Leukocyte Typing V Oxford University Press: 342-352 (199
2. Aubry JP et al. Leukocyte Typing V, p535-536, Oxford University Press, Oxford, (
3. -
4. -
5. -

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