

Mouse anti-CD71, clone EBS-CD-040 (Monoclonal)

Clone no. EBS-CD-040

MONOSAN

Product name	Mouse anti-CD71, clone EBS-CD-040 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF, WB
Species reactivity	human
Conjugate	-
Immunogen	human thymocytes
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	EBS-CD-040
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

The transferrin receptor is a type II membrane glycoprotein existing as a homodimer of 180- 190 kDa with interchain disulphide bonding. The ligand is the serum iron transport protein transferrin. CD71 is expressed weakly on all resting leucocytes but is upregulated on all cells upon activation, reflecting the iron dependence of proliferation. In other tissues CD71 is expressed on most dividing cells, but also strongly on brain endothelium and alveolar macrophage. CD71 expression can reflect clinical behaviour or response to therapy in a number of malignancies including leukemia, lymphoma and breast cancer.

References

1. Van de Rijn et al. Cytogenet.Cell Genet. 36: 525 (1983)
2. Oudermans et al. Cancer. 58: 1252 (1986)
3. Beguin Y, et al, Leukemia (12): 2019-25 (1993)
4. Rittenhouse-Diakun K, et al. Photochem Photobiol. 61(5): 523-8 (1995)
5. Lio D, et al, Mech Ageing Dev. 89(1): 51-8 (1996)

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