

Mouse anti-CD74, clone EBS-CD-041 (Monoclonal)

Clone no. EBS-CD-041

MONOSAN

Product name	Mouse anti-CD74, clone EBS-CD-041 (Monoclonal)
Host	Mouse
Applications	FC, IHC-fr, IF, WB
Species reactivity	human
Conjugate	-
Immunogen	B lymphoblastoid cell line HFB1.
Isotype	IgG1-K
Clonality	Monoclonal
Clone number	EBS-CD-041
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 CD74 cluster, established during the IVth and Vth Leukocyte Typing Workshops, comprises four species of proteins (MW 41/35/33 kDa), all coded by a single gene, consisting of nine exons. CD74 is expressed primarily by antigen presenting cells, such as B-lymphocytes (from before the pre-B cell stage to before the plasma cell stage), macrophages, and monocytes, and many epithelial cells. In tissue sections anti-CD74 show a binding pattern very similar to that of anti-HLA-DR. It binds to the peptide binding groove of newly synthesized MHC class II alpha/beta heterodimers and prevents their premature association with endogenous polypeptides. EBS-CD-041 epitope is localized in the extracellular domain of CD74.

References

1. Epstein A.L. et al. J. Immunol. 133: 1028-1036 (1984)
2. Marder, R.J. et al. Lab. Invest. 52: 497-504 (1985)
3. Lazova R. et al. Cancer 79: 2115-2124 (1997).
4. Pich, A. et al. Eur J Basic Appl Histochem. 35(1): 81-9 (1991)
5. -

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