

Product datasheet MON1150

MONOSAN[®]

Mouse anti-CD44, clone NKI-P2 (Monoclonal)

Clone no. NKI-P2

MONOSAN

Product name	Mouse anti-CD44, clone NKI-P2 (Monoclonal)
Host	Mouse
Applications	IHC-fr, IHC-P (1:10), FC
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	NKI-P2
Size	1 ml
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-CD44, clone NKI-P2 (Monoclonal)

Clone no. NKI-P2

MONOSAN

Additional info

CD44, also designated Pgp-1 or H-CAM, is a broadly distributed 85 kD protein. Amongst haematopoietic cells CD44 is expressed on B and T lymphocytes, monocytes and neutrophils. Other CD44-positive cell types include epithelial cells, glial cells, fibroblasts and myocytes. This broad distribution suggest a general role in cell-cell and cell-matrix adhesion. CD44 is involved in T cell activation and adhesion. Triggering of CD44 increases homotypic T cell aggregation mediated via LFA-1. CD44 is linked to the cytoskeleton. Furthermore CD44 has an accessory role in lymphocyte adhesion to high endothelial venules.

References

1. Pals et al. J Immunol 1989;143:851
2. Pals et al. Blood 1989;73:885
3. Oostendorp et al/ Exp Hematol 1991;25:345
4. Oostendorp et al. Acta Haematol 1996;95:243
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES