Mouse anti-CD56, Neural Cell Adhesion Molecule, NCAM, clone 123C3 (Monoclonal)

Clone no. 123C3

MONOSAN

Product name	Mouse anti-CD56, Neural Cell Adhesion Molecule, NCAM, clone 123C3 (Monoclonal)
Host	Mouse
Applications	IHC-P, IHC-fr (1:50), IF
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	123C3
Size	1 ml
Concentration	100 ug/ml
Format	liquid
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

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Additional info

The antibody recognizes a transmembrane glycoprotein of 140 and 180 kD which has been identified as NCAM (Neural Cell Adhesion Module). At the international Workshop on SCLC antibodies 123C3 has been categorized as cluster 1 antibody. All cells in small cell carcinomas and carcinoids of the lung are strongly positive for 123C3. A minority of cases of other major types of lung carcinoma are sometimes positive as well: however this positivity is generally weak and focal. Adenoid cystic carcinomas of bronchial glands are strongly positive. Neuroblastoma's and Wilms tumors are usually also staining strongly positive. In non-small lung cell carcinomas, 123C3 staining has been associated with more advanced stage and a decreased survival after surgery. Furthermore, this antibody can be used to support diagnosis of lymphoma or to detect residual disease for cases of CD56 positive T/NK -cell lymphoma in which the neoplastic lymphoid cells are small and show minimal atypia, especially in small biopsies.

References

1. Moolenaar et al. Cancer Res 1990;50:1102
2. Kibbelaar et al. Eur J Cancer 1991;27:431
3. Stahel et al. Int J Cancer suppl 1994;8:6
4. Tsang et al. Am J Surg Pathol 1996;20:202
5. -