

NCAM1

Mouse Anti-Human NCAM 1 / CD56 (Clone 123C3) mAb

Catalog No.	MON9006-1 MON9006-5	Quantity:	1 ml 5 ml
Alternate Names:	Neural Cell Adhesion Molecule 1 , NCAM1, MSK39		
Description:	MON9006 recognizes a transmembrane glycoprotein of 140 and 180 kD which has been identified as NCAM-1. At the international Workshop on SCLC antibodies clone 123C3 has been categorized as cluster 1 antibody. All cells in small cell carcinomas and carcinoids of the lung are strongly positive with clone 123C3. A minority of cases of other major types of lung carcinoma are sometimes positive as well: however this positive 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, clone 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.		
UniProt ID:	P13591		
Gene ID:	4684		
Quantity:	1 ml is sufficient for 50-200 tests 5ml is sufficient for 250-1000 tests		
Specificity:	NCAM 1 Used in study of small cell carcinoma. Detection of CD56 positive lymphomas.		
Source:	Purified from tissue culture supernatant		
Isotype:	Mouse IgG1		
Clone:	123C3		
Concentration:	0.1 mg/ml		
Formulation:	PBS, 1% BSA, 0.02% sodium azide		
Applications:	IHC-F and IHC-P: recommended starting dilution 1:50 The optimal concentration should be determined by the user for each application.		
Application Notes:	The antibody is useful on formalin fixed paraffin sections. These sections should be pretreated in microwave or pressure cooker. An optimal dilution should be determined at each individual laboratory. For regular immunoperoxidase and immunofluorescence tests a 1:5 to 1:20 dilution in PBS is advised.		
Related Products:	Two major epitopes of NCAM1 have been defined. Clone NKI-nbl-1 (MON9012) reacts with epitope 1 and Clone 123C3 (Cat # MON9006) reacts with epitope 2.		
Storage & Stability:	Store at 2-8°C until expiration date.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

