



NCAM1 Monoclonal Antibody, PE Conjugated

Product Code	CSB-MA208445
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
Relevance	COC56 reacts with CD56, a 175-220 kDa Neural Cell Adhesion Molecule (NCAM), expressed on 10-25% of peripheral blood lymphocytes, including all CD16+ NK cells and approximately 5% of CD3+ lymphocytes, referred to as NKT cells. It also is present at brain and neuromuscular junctions, certain LGL leukemias, small cell lung carcinomas, neuronally derived tumors, myeloma and myeloid leukemias. CD56 (NCAM) is involved in neuronal homotypic cell adhesion which is implicated in neural development, and in cell differentiation during embryogenesis. 1. Knapp, W et al., eds. (1989) Leucocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York. 2. Lanier LL . et al. (1991) J. Immunol. 146:4421-4426. 3. Campbell, JJ et al. (2001) J. Immunol . 166:6477-6482. 4. Cooper MD et al. (2001) Trends in Immunol. 22:633-640. 5. Galandrini R et al. (2002) Blood. 100:4581-4589.
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	4F9
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.