

Human NG2/MCSP PerCP-conjugated Antibody

Monoclonal Mouse IgG₁ Clone # LHM-2

Catalog Number: FAB2585C

100 TESTS

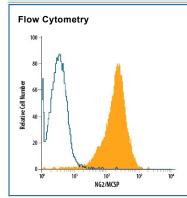
DESCRIPTION			
Species Reactivity	Human		
Specificity	Detects human NG2/MCSP in Western blots.		
Source	Monoclonal Mouse IgG ₁ Clone # LHM-2		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Human melanoma cells		
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of NG2/MCSP in G361 Human Cell Line by Flow Cytometry. G361 human melanoma cell line was stained with Mouse Anti-Human NG2/MCSP PerCP-conjugated Monoclonal Antibody (Catalog # FAB2585C, filled histogram) or isotype control antibody (Catalog # IC002C, open histogram). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage

Protect from light. Do not freeze.

12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

NG2, also known as MCSP, is a chondroitin sulfate proteoglycan that has been used as a cell surface marker for melanoma (1) and glial precursor cells (2). NG2 also promotes epidermal stem cell patterned clustering (3).

References:

- 1. Kupsch, J.M. et al. (1995) Melanoma Res. 5:403.
- 2. Stegmuller, J. et al. (2002) J. Neurocytol. 31:497.
- 3. Legg, J. et al. (2003) Development 130:6049.

