



Category: Monoclonal Antibodies **Cat. #** V7106 **Product Name:** CD56- B488

Description:
Monoclonal Mouse Anti-Human Cd56

Immunogen:
Membrane preparation of small cell lung carcinoma.

Application:
Immunohistochemistry 1:50-1:100. Flow Cytometry 1:150-1:300. ELISA 1:1000-1:3000.
Western Blotting 1:200-1:500.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Tonsil, Thymus, Spleen

Presentation:
20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

Staining Procedure:
This antibody can be used on frozen tissue sections. When using with formalin-fixed paraffin-embedded tissue sections an antigen demasking treatment is recommended. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with human NCAM (neural cell adhesion molecule), a sialoglycoprotein that mediates intercellular adhesion through binding - homophilic - with another NCAM or other molecule. B488 recognizes the 145kD and 185kD isoforms of the protein.

Storage:
Store at 2~8°C for short term, freeze under -20°C for long term storage.

Size: 0.2mg
Clone: B488 (123-C3D5)
Isotype: IgG1
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Schol et al, Int. J. Cancer Suppl.2:35-40, 1988.
2. Moolenaar et al, Cancer Res. 50:1102-1106, 1990.
3. Mooi et al, Mol. and Cel. Probes 2:31-37, 1988.
4. Lanier, L.L. et al, J. Immunol. 136:4480, 1991.
5. Ritz, J. et al, Adv. Immunol. 42:181, 1988.

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