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30-1639: Low Endotoxin Mouse IgG1 Isotype Control Monoclonal Antibody (Clone:MOPC-21)

Clonality : Monoclonal
Clone Name : MOPC-21
Application : FACS
Format : Low Endotoxin
Isotype : Mouse IgG1

Description

The specificity of staining by monoclonal antibodies to target antigens should be verified by establishing the amount of non-specific antibody binding. Especially at higher concentration (more than 15 µg/ml) the antibody staining usually has consignable background. To this end a non-reactive immunoglobulin of the same isotype is included as a negative control for each specific monoclonal antibody used in a particular immunoassay. The monoclonal antibody MOPC-21, generated against an undefined antigen, does not react specifically with rat and human samples, and hence all the background that could be observed when working with this antibody would be a result of general nonspecific interactions between an mouse IgG1 molecule and the respective sample under the particular conditions. This shall help the customer to set up the experimental conditions so that the nonspecific binding of any antibody is abolished.

Product Info

Amount : 0.1 mg
Purification : Purified by protein-G affinity chromatography
Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Immunoprecipitation Western Blotting Immunohistochemistry Immunohistochemistry (frozen sections) Control Experiments The antibody is suitable for control experiments when performing cell surface staining as well as intracellular staining.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.