

Mouse IgG1 Isotype Control - Azide Free

Catalog No.: AM33027AF-N

Quantity: 0.1 mg

Concentration: 0.5 mg/ml

Background: A Mouse Isotype Control is an antibody of the same class (isotype) of immunoglobulin as the specific Mouse antibody, but is either myeloma-derived antibody of unknown specificity, or is raised against an antigen that is presumed not to be present on or in the cells under study. Isotype Control antibodies are used for the estimation of non-specific binding of target primary antibodies to cell surface antigens.

Host / Isotype: Mouse / IgG1

Clone: MOPC-31C

Format: **State:** Liquid purified IgG fraction
Purification: Affinity Chromatography
Buffer System: Filter sterilized PBS
Preservatives: None

Applications: **Flow Cytometry.**
Immunofluorescence.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Add. Information: The MOPC-31C hybridoma cell line was grown and tissue culture supernatant was purified using affinity chromatography.

Storage: Upon receipt, store (in aliquots) at -20°C.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Product Citations: **Originator or purchased from resellers:**
1. Wu J, Meng Z, Jiang M, Zhang E, Trippler M, Broering R, et al. Toll-like receptor-induced innate immune responses in non-parenchymal liver cells are cell type-specific. Immunology. 2010 Mar;129(3):363-74. doi: 10.1111/j.1365-2567.2009.03179.x. Epub 2009 Nov 16. PubMed PMID: 19922426.

Pictures:

Intracellular Flow analysis of TLR2 in 10^6 ThP1 cells using 5 μ l of SM7100P. The shaded histogram represents ThP1 cells with no antibody present, Green represents Mouse IgG1 Isotype Control Cat.-No AM33027AF-N, Red represents CD282 / TLR2 Antibody Cat.-No SM7100P.

