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SM12P Mouse IgG2b Isotype Control - Aff - Purified

Alternate names: Mouse IgG2b Negative Control

Quantity: 100 Tests

Concentration: 0.1 mg/ml

Host / Isotype: Mouse / IgG2b

Format:
State: Liquid purified IgG fraction
Purification: Affinity Chromatography on Protein A
Buffer System: PBS
Preservatives: 0.09% Sodium Azide
Stabilizers: 1% BSA

Applications: Can be used in Flow Cytometry, Immunohistochemistry on Frozen, Paraffin and Resin Sections.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody is a Mouse IgG2b monoclonal antibody arising from a spontaneous murine plasmacytoma. The antibody does not react with any human cell surface markers, and may therefore be used as an isotype matched negative control reagent. Test results show that this antibody is also suitable for use as a ***Negative Control*** with Bovine, Ovine, Porcine, Canine and Guinea-Pig tissues.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:

1. Grant AJ, Goddard S, Ahmed-Choudhury J, Reynolds G, Jackson DG, Briskin M, et al. Hepatic expression of secondary lymphoid chemokine (CCL21) promotes the development of portal-associated lymphoid tissue in chronic inflammatory liver disease. Am J Pathol. 2002 Apr;160(4):1445-55. PubMed PMID: 11943728.
2. Zheng X, Karsan A, Duronio V, Chu F, Walker DC, Bai TR, et al. Interleukin-3, but not granulocyte-macrophage colony-stimulating factor and interleukin-5, inhibits apoptosis of human basophils through phosphatidylinositol 3-kinase: requirement of NF-kappaB-dependent and -independent pathways. Immunology. 2002 Nov;107(3):306-15. PubMed PMID: 12423306.
3. Dalli J, Norling LV, Renshaw D, Cooper D, Leung KY, Perretti M. Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. Blood. 2008 Sep 15;112(6):2512-9. doi: 10.1182/blood-2008-02-140533. Epub 2008 Jul 1. PubMed PMID: 18594025.
4. Kapetanovic R, Fairbairn L, Beraldi D, Sester DP, Archibald AL, Tuggle CK, et al. Pig bone marrow-derived macrophages resemble human macrophages in their response to bacterial lipopolysaccharide. J Immunol. 2012 Apr 1;188(7):3382-94. doi: 10.4049/jimmunol.1102649. Epub 2012 Mar 5. PubMed PMID: 22393154.