

SM10B**Mouse IgG1 Isotype Control (not for use on rats) - Biotin**

Quantity:	100 Tests
Concentration:	0.1 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	W3/25
Format:	State: Liquid purified IgG fraction Purification: Protein A affinity chromatography Buffer System: PBS, pH 7.4, containing 0.09% sodium azide as preservative and 1% BSA as stabilizer Label: Biotin
Applications:	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:	Negative on all human cells and cell lines tested. This antibody recognises a rat cell surface marker, and therefore cannot be used as a negative control in this species. Species: Test results have shown that SM10B is also suitable as a negative control with bovine, ovine, porcine, equine, canine, lapine and guinea-pig tissues. Other species not tested.
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:	<ol style="list-style-type: none">1. Kupatt C, Habazettl H, Hanusch P, Wichels R, Hahnel D, Becker BF, et al. c7E3Fab reduces postischemic leukocyte-thrombocyte interaction mediated by fibrinogen. Implications for myocardial reperfusion injury. <i>Arterioscler Thromb Vasc Biol.</i> 2000 Oct;20(10):2226-32. PubMed PMID: 11031208.2. Dalli J, Norling LV, Renshaw D, Cooper D, Leung KY, Perretti M. Annexin 1 mediates the rapid anti-inflammatory effects of neutrophil-derived microparticles. <i>Blood.</i> 2008 Sep 15;112(6):2512-9. doi: 10.1182/blood-2008-02-140533. Epub 2008 Jul 1. PubMed PMID: 18594025.3. Barratt-Due A, Thorgersen EB, Lindstad JK, Pharo A, Lissina O, Lambris JD, et al. Ornithodoros moubata complement inhibitor is an equally effective C5 inhibitor in pigs and humans. <i>J Immunol.</i> 2011 Nov 1;187(9):4913-9. doi: 10.4049/jimmunol.1101000. Epub 2011 Sep 30. PubMed PMID: 21964028.4. 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. <i>J Immunol.</i> 2012 Apr 1;188(7):3382-94. doi: 10.4049/jimmunol.1102649. Epub 2012 Mar 5. PubMed PMID: 22393154.5. Maiolini A, Carlson R, Tipold A. Toll-like receptors 4 and 9 are responsible for the maintenance of the inflammatory reaction in canine steroid-responsive meningitis-arteritis, a large animal model for neutrophilic meningitis. <i>J Neuroinflammation.</i> 2012 Sep 27;9:226. doi: 10.1186/1742-2094-9-226. PubMed PMID: 23016675.

6. Maślanka T, Jaroszewski JJ, Markiewicz W, Ziótkowski H, Barski D. The presence of CD25 on bovine WC1+ gammadelta T cells is positively correlated with their production of IL-10 and TGF-beta, but not IFN-gamma. *Pol J Vet Sci.* 2012;15(1):11-20. PubMed PMID: 22708352.
7. Pakandl M, Hlásková L, Poplstein M, Neveceralová M, Vodicka T, Salát J, et al. Immune response to rabbit coccidiosis: a comparison between infections with *Eimeria flavescens* and *E. intestinalis*. *Folia Parasitol (Praha).* 2008 Mar;55(1):1-6. PubMed PMID: 18578161.
8. Jacks S, Giguère S, Crawford PC, Castleman WL. Experimental infection of neonatal foals with *Rhodococcus equi* triggers adult-like gamma interferon induction. *Clin Vaccine Immunol.* 2007 Jun;14(6):669-77. Epub 2007 Apr 4. PubMed PMID: 17409222.