

SM10R

Mouse IgG1 Isotype Control (not for use on rats) - PE

Quantity:	100 Tests
Host / Isotype:	Mouse / IgG1
Clone:	W3/25
Format:	State: Lyophilized purified IgG fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS Preservatives: 0.09% Sodium Azide Stabilizers: 1% BSA and 5% Sucrose Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1.0 ml distilled water.
Applications:	Flow Cytometry: Dilute the antibody to a concentration equivalent to that of your test reagents. Use 10 µl of (diluted) antibody to label 10 ⁶ cells or 100 µl lysed whole peripheral blood. 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! SM10R is also suitable for use as Negative Control with Bovine, Ovine, Porcine, Equine, Canine, Lapine and Guinea-Pig tissues.
Storage:	Prior and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. 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. *J Neuroinflammation*. 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.