

AP05389FC-N**Polyclonal Antibody to Mouse IgA - FITC**

Alternate names:	Mouse Immunoglobulin A
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Goat / IgG
Immunogen:	Mouse IgA paraproteins
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS, pH 7.4 Preservatives: 0.09% Sodium Azide Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Use 10 µl of neat-1/10 diluted antibody to label 10e6 cells in 100 µl. Immunofluorescence: neat-1/10. Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognizes Mouse IgA and has been cross absorbed against Mouse IgM, IgG1, IgG2a, IgG2b and IgG3. Negative Species: Human. Species: Mouse, Rat. Other species not tested.
Add. Information:	Antiserum Preparation: Antisera to mouse IgA were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	1. Capoccia BJ, Lennerz JK, Bredemeyer AJ, Klco JM, Frater JL, Mills JC. Transcription factor MIST1 in terminal differentiation of mouse and human plasma cells. <i>Physiol Genomics</i> . 2011 Feb 11;43(3):174-86. doi: 10.1152/physiolgenomics.00084.2010. Epub 2010 Nov 23. PubMed PMID: 21098683. 2. Yamashita, H. et al (2012) Overcoming food allergy through acquired tolerance conferred by transfer of Tregs in a murine model. <i>Allergy</i> . 67: 201-9. 3. Won, Y.S. et al. (2017) Green tea cultivar 'Benifuuki' potentiates split vaccine-induced immunoglobulin A production. <i>J Nat Med</i> . 71 (1): 68-75. 4. Ramstead, A.G. et al. (2016) Roles of Toll-Like Receptor 2 (TLR2), TLR4, and MyD88 during Pulmonary <i>Coxiella burnetii</i> Infection. <i>Infect Immun</i> . 84 (4): 940-9.