

Polyclonal Antibody to Mouse IgG1 - FITC

Alternate names: Mouse Immunoglobulin G1

Catalog No.: AP05384FC-N

Quantity: 0.5 mg

Concentration: 1.0 mg/ml

Host / Isotype: Goat / IgG

Immunogen: Mouse IgG1 paraproteins.

Format: **State:** Liquid purified IgG fraction
Purification: Affinity Chromatography
Buffer System: PBS
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 10⁶ cells in 100 µl.
Immunohistochemistry on Frozen Sections.
Immunocytochemistry: neat-1/10.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody recognises Mouse IgG1. This antibody has been cross absorbed against Mouse IgM, IgG2a, IgG2b, IgG3 and IgA, pooled Human sera and purified human paraproteins.
The antibody shows minimal cross-reactivity with Human immunoglobulins.
Species: Mouse. Does not react with Human.
Other species not tested.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
This product is photosensitive and should be protected from light.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings: 1. Croft NP, Shannon-Lowe C, Bell AI, Horst D, Kremmer E, Rensing ME, et al. Stage-specific inhibition of MHC class I presentation by the Epstein-Barr virus BNLF2a protein during virus lytic cycle. PLoS Pathog. 2009 Jun;5(6):e1000490. doi: 10.1371/journal.ppat.1000490. Epub 2009 Jun 26. PubMed PMID: 19557156.
2. Zuo J, Quinn LL, Tamblyn J, Thomas WA, Feederle R, Delecluse HJ, et al. The Epstein-Barr virus-encoded BILF1 protein modulates immune recognition of endogenously processed antigen by targeting major histocompatibility complex class I molecules trafficking on both the exocytic and endocytic pathways. J Virol. 2011 Feb;85(4):1604-14. doi: 10.1128/JVI.01608-10. Epub 2010 Dec 1. PubMed PMID: 21123379.
3. Knipping K, McNeal MM, Crienen A, van Amerongen G, Garsen J, Van't Land B. A gastrointestinal rotavirus infection mouse model for immune modulation studies. Virol J.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com



2011 Mar 8;8:109. doi: 10.1186/1743-422X-8-109. PubMed PMID: 21385425.

4. Young D, Ibuki M, Nakamori T, Fan M, Mine Y. Soy-derived di- and tripeptides alleviate colon and ileum inflammation in pigs with dextran sodium sulfate-induced colitis. *J Nutr.* 2012 Feb;142(2):363-8. doi: 10.3945/jn.111.149104. Epub 2011 Dec 21. PubMed PMID: 22190029.

5. Bagai U, Pawar A. A blood stage fraction of *Plasmodium berghei* induces protective and long lasting immune response in BALB/c mice. *Parasitol Int.* 2013 Jun;62(3):329-36. doi: 10.1016/j.parint.2012.10.002. Epub 2012 Oct 17. PubMed PMID: 23085043.

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