
PE/Fire™ 640 Mouse IgG1, κ isotype Ctrl**Catalog # /** 2612060 / 100 tests**Size:** 2612055 / 25 tests**Clone:** MOPC-21**Isotype:** Mouse IgG1, κ**Reactivity:** Mouse**Preparation:** The antibody was purified by affinity chromatography and conjugated with PE/Fire™ 640 under optimal conditions.**Formulation:** Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA)**Concentration:** Lot-specific**Applications:****Applications:** Flow Cytometry**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. Use our Concentration Lookup tool to find the exact concentrations of your lots of product.

* PE/Fire™ 640 has a maximum excitation of 566 nm and a maximum emission of 639 nm.

Application Notes: Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Functional Assay (FA)**Application References:**

1. Carlsten M, *et al.* 2007. *Cancer Res.* 67:1317. [PubMed](#)
2. Smed-Sørensen A, *et al.* 2008. *Blood* 111:5037. [PubMed](#) (FA)
3. Bunesmann MM, *et al.* 2011. *Am. J. Respir. Cell. Mol. Biol.* Epub. [PubMed](#)
4. Matsuyama T, *et al.* 2005. *Infect. Immun.* 73:1044. (IF)
5. Correia DV, *et al.* 2011. *Blood* 118:992. (FC) [PubMed](#)
6. Lian IA, *et al.* 2011. *Placenta.* 32:823. [PubMed](#)
7. Bufe B, *et al.* 20015. *J Biol Chem.* 290:7369. [PubMed](#)

Description: The MOPC-21 immunoglobulin has unknown specificity. The isotype of this antibody is mouse IgG1, κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.