

Purified Mouse IgG2a, κ Isotype Ctrl

Catalog # / Size:	2607510 / 500 µg 2607505 / 50 µg
Clone:	MG2a-53
Isotype:	Mouse IgG2a, κ
Immunogen:	Trinitrophenol + KLH
Preparation:	The immunoglobulin was purified by affinity chromatography.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5

Applications:

Applications:	Other
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control, and the purity is greater than 95% by SDS-PAGE. Use at concentrations comparable to those of the specific antibody of interest.
Application Notes:	The MG2a-53 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, immunofluorescence microscopy. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 401504) as negative control.
Application References:	1. Bhattacharyya S, <i>et al.</i> 2007. <i>Am. J. Physiol. Gastrointest Liver Physiol.</i> doi:10.1152/ajpgi.00149. 2. Lee H, <i>et al.</i> 2014. <i>Invest. Ophthalmol. Vis. Sci.</i> 55:2885. PubMed 3. Baker GF, <i>et al.</i> 2014. <i>Cancer Res.</i> 74:5079. PubMed

Description: The isotype of MG2a-53 immunoglobulin is mouse IgG2a,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.