Rat IgG_1 Isotype Control

Monoclonal Rat IgG_1 Clone # 43414

Catalog Number: MAB005

DESCRIPTION

Specificity	Selected for use as rat IgG_1 isotype control. In direct ELISAs, no cross-react with recombinant human (rh) 6Ckine, recombinant mouse (rm) 6Ckine, rhACT II (rhMIP-1β), rhBLC/BCA-1, rmC10, recombinant rat (rr) CINC-1, rrCINC-2α, rrCINC-2β, rmCRG-2, rhENA-78, rhEotaxin, rmEotaxin, rhEotaxin 2, rhFractalkine, rmFractalkine, rhGCP-2, rmGCP-2, rhGROα, rhGROβ, rhGROγ, rhHCC-1, rhHCC-4, rhI-309, rhIL-8, rhIL-16, rhIP-10, rmJE, rmKC, rmLymphotactin, rmMARC, rhMCP-1, rhMCP-1 R, rhMCP-2, rhMCP-3, rhMCP-4, rmMCP-5, rhMDC, rmMDC, rhMIG, rmMIG, rhMIP-1α, rmMIP-1α, rmMIP-1β, rmMIP-1γ, rhMIP-1δ, rmMIP-2, rhMIP-3α, rrMIP-3α, rhMIP-3β, rmMIP-3β, recombinant viral (rv) MIP-I, rvMIP-II, rvMIP-III, rhMPIF-1, rhNAP-2, rhParc, rhRANTES, rmRANTES, rhSDF-1α, rmSDF-1α, rhSDF-1β, rhTarc, rmTCA-3, rhTeck, or rmTeck.
Source	Monoclonal Rat IgG_1 Clone # 43414
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	KLH
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

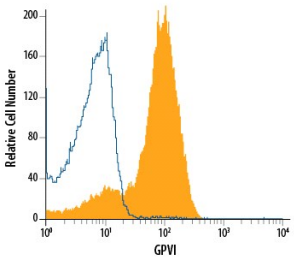
APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Negative control for use in conjunction with R&D Systems antibodies. Use at the same concentration as the detection antibody.

DATA

Control



Detection of Rat IgG Control by Flow Cytometry Mouse platelets were stained with Rat Anti-Mouse GPVI Monoclonal Antibody (Catalog # MAB6758, filled histogram) or Rat IgG Isotype Control Antibody (Catalog # MAB005, open histogram), followed by Allophycocyanin-conjugated Anti-Rat IgG Secondary Antibody (Catalog # F0113).

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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