

Rat IgG2a Isotype Control BG Violet 450

Catalog Number :41813-40

RUO: For Research Use Only. Not for use in diagnostic procedures.

Product Information

Clone: 2A3

Format/Conjugate: BG Violet 450

Concentration: 0.2 mg/mL

Reactivity: Rat

Laser: Violet (405nm)

Peak Emission: 450nm

Peak Excitation: 404nm

Filter: 450/50

Brightness (1=dim,5=brightest): 2

Isotype: Rat IgG2a, kappa

Formulation: Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.

Storage: Product should be kept at 2-8°C and protected from prolonged exposure to light.

Applications: FC

Description

The 2A3 antibody was obtained by hybridization of MouseNS-1 myeloma cells with spleen cells harvested from BALB/c mice immunized with phytohemagglutinin-activated human T cells. The 2A3 antibody is a CD25 clone and used as an Isotype Control for rat IgG2a antibodies.

BG Violet 450 conjugate is an alternative to the Pacific Blue, eFluor 450, or BD Horizon V450 dyes. It is excited by the violet (405 nm) laser, with a peak emission of 450nm.

Preparation & Storage

The product should be stored undiluted at 4°C and should be protected from prolonged exposure to light. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.

Application Notes

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. The antibody can be used at less than or equal to 5 µL per test. A test is the amount of antibody required to stain a cell sample in the final volume of 100 µL.

References