

Monoclonal Antibody to Rat IgG2a (gamma 2a chain specific) - FITC

Alternate names:	Rat Immunoglobulin G2a
Catalog No.:	AM08092FC-N
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Background:	There are four IgG subclasses (IgG1, 2, 3 and 4) in humans, named in order of their abundance in serum (IgG1 being the most abundant). The IgG2a Ig subclass plays a critical role in the pathogenesis of humoral auto-immunity and protection against pathogens.
Host / Isotype:	Mouse / IgG1
Clone:	2A 8F4
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: < / = 1 µg/10e6 cells. Immunofluorescence Microscopy: Identification and enumeration of IgG2a+ cells. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with the gamma-2a heavy chain (Fc) of Rat IgG2a. Species: Rat. Other species not tested.
Storage:	Store the antibody 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.