Mouse Fcγ RIIB/CD32b Alexa Fluor® 647-conjugated Antibody

Monoclonal Rat IgG_{2A} Clone # 190907

Catalog Number: FAB14601R

100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Fcγ RIIB in direct ELISAs. In direct ELISAs, this antibody shows 100% cross-reactivity with recombinant mouse (rm) Fcγ RIII. In ELISAs, this antibody shows approximately 7% cross-reactivity with rmFcγ RIII.
Source	Monoclonal Rat IgG_{2A} Clone # 190907
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Fcγ RIIB aa 40-217 Accession # P08101
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.*

ELISA Capture (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
ELISA Detection (Matched Antibody Pair)	Optimal dilution of this antibody should be experimentally determined.
Western Blot	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Fcγ RIIB, also known as CD32b, is a low affinity inhibitory receptor for the Fc portion of the IgG molecules. Fcγ RIIB is expressed on B cells, macrophages, neutrophils, and mast cells and is involved in phagocytosis of immune complexes and modulation of antibody production by B cells.

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