# Mouse Fcγ RIIA/CD32a Alexa Fluor® 647-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF1460R
100 µg

## DESCRIPTION

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| **Species Reactivity** | Mouse |
| **Specificity** | Detects mouse Fcγ RII/RIII (CD32/CD16) in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 5% cross-reactivity with recombinant human Fcγ RII is observed. |
| **Source** | Polyclonal Goat IgG |
| **Purification** | Antigen Affinity-purified |
| **Immunogen** | Mouse myeloma cell line NS0-derived recombinant mouse Fcγ RIIB<br>Thr40-Arg217<br>Accession # P08101 |
| **Conjugate** | Alexa Fluor 647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 668 nm |
| **Formulation** | Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide<br><br>*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.*

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| **Western Blot** | Optimal dilution of this antibody should be experimentally determined. |
| **Immunocytochemistry** | Optimal dilution of this antibody should be experimentally determined. |

## PREPARATION AND STORAGE

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| **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 RII, also named CD32, is a low-affinity receptor for the Fc region of complexed IgG. Three genes for human Fcγ RII (A, B and C) and one for mouse (Fcγ RIIB), encoding type I transmembrane proteins, have been identified. The extracellular domain of mouse Fcγ RII shares approximately 95% amino acid sequence identity with that of mouse Fcγ RIII/CD16.

## PRODUCT SPECIFIC NOTICES

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