

## Product datasheet for **TA386513**

### CD32A (FCGR2A) Mouse Monoclonal Antibody [Clone ID: IV.3]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	IV.3
Applications:	BI, ELISA, IF, IP
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated against the FcR of K562 cells.
Specificity:	This antibody recognizes and binds CD32a.

This antibody successfully precipitated a 40-kd FcR from lysates of U937 and K562 cells but not from Daudi or Raji cells. It selectively inhibited the binding of murine IgG1-coated erythrocytes to U937 cells. IV.3 blocked mIgG1 anti-T3 (Leu-4) stimulation but not mIgG2a anti-T3 (OKT3) stimulation of T cells (PMID: 2936805). Anti-FcγRII antibody IV.3 specifically stained Ltk- cells transfected with the FcγR cDNA clone in an immunofluorescence assay (PMID: 2824655). It was reported that IV.3 induces anaphylaxis in immunocompetent CD32a-transgenic "FCGR2A" mice and that IV.3 also induce severe thrombocytopenia in FCGR2A mice (PMID: 26396093). IV.3, reacted with CD32A-R131 exclusively, confirming the specificity in an ELISA (PMID:17386079).

Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	Fc fragment of IgG receptor IIa
Database Link:	<a href="#">Entrez Gene 2212 Human P12318</a>



[View online »](#)

**Synonyms:**

CD32; CD32A; CDw32; Fc-gamma-RIIa; FCG2; FcGR; FCGR2; FCGR2A1; FcRII-a; IGFR2;  
MGC23887; MGC30032