

Product datasheet for **TA385687**

Fcgr3 Rabbit Monoclonal Antibody [Clone ID: 2.4G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2.4G2
Applications:	Bl, FC, IF, IHC, IP
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	Mouse BALB/c Macrophage J774 Cell Line.
Specificity:	<p>This antibody binds to an epitope on the extracellular domains of the mouse FcγIII and FcγII, thereby inhibiting their ability to bind antibodies via their Fc region. receptors. Also binding the FcγI receptor (CD64) via its Fc domain.</p> <p>This antibody binds murine Fc Receptors CD16/CD32 and inhibits binding of antibodies to these. It can therefore be used as an Fc-blocking reagent, to reduce non-specific staining of cells by antibodies binding via their Fc-region. A similar effect can be achieved using the Fc Silent range of antibodies made by Absolute Antibody that prevent these interactions at the level of the Fc receptor binding site, which has been mutated to lack affinity for the Fc receptors.</p>
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 receptor, IgG, low affinity III
Database Link:	Entrez Gene 14131 Mouse P08508
Synonyms:	CD16



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Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.