

Product datasheet for **TA386275**

Tfrc Rat Monoclonal Antibody [Clone ID: R17 217.1.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	R17 217.1.3
Applications:	FC
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	The antibody was obtained from a fusion of the murine myeloma S 194/5.XXO.BU. 1 with spleen cells from a BDIX rat immunized with the Friend erythroleukemia 745.6.
Specificity:	<p>The transferrin receptor is necessary for cellular iron uptake by the process of receptor-mediated endocytosis. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis.</p> <p>R17 217.1.3 was used in conjunction with flow cytometry to identify murine hematopoietic progenitor cells expressing the transferrin receptor (Lesley et al, 1984). Injection of mice with R17 217.1.3 results in CD71+ erythroid splenocyte cell depletion (Torow et al, 2015).</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:	transferrin receptor
Database Link:	Entrez Gene 22042 Mouse Q62351
Synonyms:	CD71; p90; T9; TfR; TfR1; TR; Trfr



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