

Red Blood Cells antibody [34-3C]

Cat. No. GTX54412

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	FCM, Functional Assay
Reactivity	Mouse

Package

50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
FCM	Assay dependent
Functional Assay	Assay dependent

Not tested in other applications.

Product Note

The monoclonal antibody 34-3C recognizes an exposed surface determinant of intact red blood cells (RBC). The high-affinity anti-RBC monoclonal antibody efficiently bind to Fc receptors on macrophages inducing anemia in vivo due to a rapid Fc receptor (FcγR)-mediated erythrophagocytosis of opsonised RBC in spleen and livers. The capacity of the antibody to interact with FcγR is responsible for its haemolytic activity. The monoclonal antibody only recognises antigenic determinants expressed on Mouse RBC and not on other species of RBC.
We do not recommend use of this product for Human,Rat,Rabbit,Sheep,Chicken samples.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	RBC
Purification	Purified IgG2a
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 02 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



For full product information, images and publications, please visit our [website](#).

Date 2026 / 02 / 02 Page 2 of 2