

Product datasheet

Anti-Red Blood Cells antibody [34-3C] ab106101

4 References

Overview

Product name	Anti-Red Blood Cells antibody [34-3C]
Description	Mouse monoclonal [34-3C] to Red Blood Cells
Host species	Mouse
Specificity	Recognizes an exposed surface determinant of intact Red Blood Cells. ab106101 only recognises antigenic determinants expressed on Mouse RBC and not on other species of RBC.
Tested applications	Suitable for: Functional Studies, Flow Cyt
Species reactivity	Reacts with: Mouse Does not react with: Rat, Sheep, Rabbit, Chicken, Human
Immunogen	Mouse Red Blood Cells
Positive control	Mouse erythrocytes
General notes	This antibody efficiently binds to Fc receptors on macrophages inducing anemia in vivo due to a rapid Fc receptor (FcyR)-mediated erythrophagocytosis of opsonised RBC in spleen and livers. The capacity of the antibody to interact with FcyR is responsible for its haemolytic activity.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.1% BSA, PBS
Purity	Protein G purified
Purification notes	0.2 µm filtered solution
Primary antibody notes	This antibody efficiently binds to Fc receptors on macrophages inducing anemia in vivo due to a rapid Fc receptor (FcyR)-mediated erythrophagocytosis of opsonised RBC in spleen and livers. The capacity of the antibody to interact with FcyR is responsible for its haemolytic activity.
Clonality	Monoclonal
Clone number	34-3C
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab106101** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Functional Studies		Use at an assay dependent concentration.
Flow Cyt		1/50. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Relevance Red blood cells are the most common type of blood cell and are the vertebrate body's principal means of delivering oxygen from the lungs or gills to body tissues via the blood.

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