abcam

Product datasheet

Biotin Anti-Glycophorin A + B antibody [HIR2] ab93548

1 Abreviews 1 References

概述

产品名称	**生物素**Anti-Glycophorin A + B**抗体**[HIR2]
描述	**生物素小鼠单克隆抗体**[HIR2] to Glycophorin A + B
宿主	Mouse
偶联物	Biotin
经测试应用	**适用于:** Flow Cyt
种属反应性	**与反应:** Human
免疫原	Synthetic peptide corresponding to Human Glycophorin A + B (N terminal).
阳性对照	Human peripheral blood leukocytes
常规说明	Mouse monoclonal [HIR2] to Glycophorin A (Biotin) also has a clone number GA-R2. Binding of ab93548 to red cells at high antibody concentration causes cell agglutination. The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.20 Preservative: 0.09% Sodium azide Constituents: PBS, 0.1% Gelatin
纯度	Protein G purified
Primary antibody说明	Binding of ab93548 to red cells at high antibody concentration causes cell agglutination.
克隆	**单克隆**
克隆编号	HIR2

同种型	IgG2b
轻链类型	kappa

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab93548于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt	★★★★☆ (1)	Use at an assay dependent concentration. Use 0.125ug for 10^5 to 10^8 cells in a final volume of 100 ul. **ab18418** - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

靶标

相关性 Glycophorins A (GYPA) and B (GYPB) are major sialoglycoproteins of the human erythrocyte membrane which bear the antigenic determinants for the MN and Ss blood groups. GYPA gene consists of 7 exons and has 97% sequence homology with GYPB from the 5' UTR to the coding sequence encoding the first 45 amino acids. GYPB accounts for S, s and U specificities. GPA and GPB provide the cells with a large mucin-like surface and it has been suggested this provides a barrier to cell fusion, so minimizing aggregation between red blood cells in the circulation. In addition to the M or N and S or s antigens, that commonly occur in all populations, about 40 related variant phenotypes have been identified. These variants include all the variants of the Miltenberger complex and several isoforms of Sta; also, Dantu, Sat, He, Mg, and deletion variants Ena, S-s-U- and Mk. Most of the variants are resulted from gene recombinations between GYPA and GYPB. These antigens are expressed on early erythroblasts, late erythroblasts, erythroblasts, mature erythrocytes and the cells of erythroid cell lines K562 and HEL, but not on all other cells (mature erythrocytes are characteristically CD235a positive and CD45 and CD71 negative).

细胞定位 Type I membrane protein.

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