



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

Transferrin Receptor/CD71 Mouse mAb (AF594)

基本信息

产品名称	Transferrin Receptor/CD71 Mouse mAb (AF594)
别名	转铁蛋白受体(TFR)抗体 Transferrin Receptor/CD71抗体
英文别名	TFR TRFR IMD46 CD71 antigen CD71 CD71TRFR p90 T9 TfR (Transferrin R) TfR (TransferrinR) TFR1 TFRC TR transferrin receptor (p90, CD71) transferrin receptor protein 1 CD 71 antibody CD71 antibody CD71 antigen antibody IMD
规格或纯度	ExactAb™, 已验证, 5 µL/test
生化机理	Cellular uptake of iron occurs via receptor-mediated endocytosis of ligand-occupied transferrin receptor into specialized endosomes. Endosomal acidification leads to iron release. The apotransferrin-receptor complex is then recycled to the cell surface with a return to neutral pH and the concomitant loss of affinity of apotransferrin for its receptor. Transferrin receptor is necessary for development of erythrocytes and the nervous system (By similarity). A second ligand, the hereditary hemochromatosis protein HFE, competes for binding with transferrin for an overlapping C-terminal binding site. Positively regulates T and B cell proliferation through iron uptake (PubMed:26642240). (Microbial infection) Acts as a receptor for new-world arenaviruses: Guanarito, Junin and Machupo virus.
宿主种属	小鼠(Mouse)
特异性	Transferrin Receptor/CD71
种属反应性	人(Human)
免疫原	Human acute lymphoblastic leukemia cells
阳性对照	Flow: Jurkat
偶联	AF594
Excitation(nm)	Yellow-Green Laser(594nm)



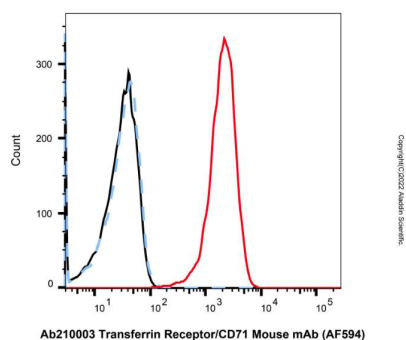
上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

Emission(nm)	618nm
Ex/Em(nm)	Ex:590nm;Em:618nm
克隆类型	单克隆抗体
Format	Whole IgG
纯化方法	Protein G purified
浓度	5 μ L/test
分子类型	抗体

储存与运输

储存缓冲液	Liquid in PBS pH 7.4, containing 1% BSA and 0.05% Proclin300.
防腐剂	0.05% Proclin300
储存温度	2-8°C储存,避光,禁止冷冻
运输条件	低温运输,禁止冷冻
稳定性与储存	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

图片



Flow Cytometry: Transferrin Receptor/CD71 Mouse mAb (AF594)



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
电话: 021-61312973 传真: 021-55068248
网址: www.shyuanye.com
邮箱: shyysw@sina.com

Transferrin Receptor/CD71 Mouse mAb (AF594) - Flow Cytometry

Flow cytometry analysis of Transferrin Receptor/CD71 expression by Jurkat cells (red) compared to an isotype control (blue). Cells were stained with Transferrin Receptor/CD71 Mouse mAb (AF594) at 5 μ L/test for 1 hour at 4°C. Blue - Mouse IgG (AF594) . Black - Unlabelled control, cells without incubation with primary antibody.

应用

应用名称	稀释比例
Flow Cytometry	5 μ L/test For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood.