abcam

Product datasheet

Anti-Transferrin antibody [2A2] ab10211

概述

产品名称	Anti-Transferrin抗体[2A2]
描述	小鼠单克隆抗体[2A2] to Transferrin
宿主	Mouse
特异性	Reacts with the N-terminal domain of human transferrin (Kd 2.85 X 10^{-11}). Does not cross react with mouse rabbit or bovine transferrin or with human lactoferrin.
经测试应用	**适用于:** ELISA, Functional Studies, ICC/IF
种属反应性	**与反应:** Human
免疫原	Purified transferrin from pooled human plasma.
常规说明	Concentration varies from lot to lot and can be provided on request.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
纯度	Protein G purified
纯化说明	Purified by chromatography on protein G Sepharose. Purity is tested by electrophoresis.
克隆	单克隆
克隆编号	2A2
骨髓瘤	Sp2/0
同种型	IgG1

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab10211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
ELISA		Use at an assay dependent dilution.
Functional Studies		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.

靶标

功能	Transferrins are iron binding transport proteins which can bind two Fe(3+) ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.
组织特异性	Expressed by the liver and secreted in plasma.
疾病相关	Defects in TF are the cause of atransferrinemia (ATRAF) [MIM:209300]. Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.
序列相似性	Belongs to the transferrin family. Contains 2 transferrin-like domains.
细胞定位	Secreted.

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