abcam

Product datasheet

Anti-alpha 1 Spectrin antibody [AF10] ab86184

概述

产品名称	Anti-alpha 1 Spectrin**抗体**[AF10]
描述	**小鼠**单**克隆抗体**[AF10] to alpha 1 Spectrin
宿主	Mouse
特异性	ab86184 is specific to the erythroid alpha 1 Spectrin.
经测试应用	**适用于:** WB, IP
种属反应性	**与反应:** Human
免疫原	Full length protein corresponding to Human alpha 1 Spectrin. Ghost proteins of human red blood cells.
常规说明	ab86184 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells. 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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
纯度	Protein G purified
Primary antibody说明	ab86184 is derived from the hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.
克隆	单克隆
克隆编号	AF10

同种型	IgG1

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab86184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
WB		1/1000. Predicted molecular weight: 280 kDa.
IP		Use at an assay dependent concentration.

靶标

功能	Spectrin is the major constituent of the cytoskeletal network underlying the erythrocyte plasma membrane. It associates with band 4.1 and actin to form the cytoskeletal superstructure of the erythrocyte plasma membrane.
疾病相关	Defects in SPTA1 are the cause of elliptocytosis type 2 (EL2) [MIM:130600]. EL2 is a Rhesus-unlinked form of hereditary elliptocytosis, a genetically heterogeneous, autosomal dominant hematologic disorder. It is characterized by variable hemolytic anemia and elliptical or oval red cell shape. Defects in SPTA1 are a cause of hereditary pyropoikilocytosis (HPP) [MIM:266140]. HPP is an autosomal recessive disorder characterized by hemolytic anemia, microspherocytosis, poikilocytosis, and an unusual thermal sensitivity of red cells. Defects in SPTA1 are the cause of spherocytosis type 3 (SPH3) [MIM:270970]; also known as hereditary spherocytosis type 3 (HS3). Spherocytosis is a hematologic disorder leading to chronic hemolytic anemia and characterized by numerous abnormally shaped erythrocytes which are generally spheroidal. SPH3 is characterized by severe hemolytic anemia. Inheritance is autosomal recessive.
序列相似性	Belongs to the spectrin family. Contains 3 EF-hand domains. Contains 1 SH3 domain. Contains 21 spectrin repeats.
细胞定位	Cytoplasm > cytoskeleton. Cytoplasm > cell cortex.

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- We investigate all quality concerns to ensure our products perform to the highest standards

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