abcam

Product datasheet

FITC Anti-Rhodopsin antibody [4D2] ab183399

1 Abreviews 3 References

概述

产品名称	FITC荧光Anti-Rhodopsin抗体[4D2]
描述	FITC荧光小鼠单克隆抗体[4D2] to Rhodopsin
宿主	Mouse
偶联物	FITC. Ex: 493nm, Em: 528nm
经测试应用	**适用于:** ELISA
种属反应性	
免疫原	Recombinant fragment corresponding to Bovine Rhodopsin (N terminal). Database link: **P02699**
常规说明	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. Store In the Dark.
存储溶液	Preservative: 0.09% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
纯度	Protein G purified
克隆	单克隆
克隆编号	4D2
同种型	IgG1

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab183399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 concentration.

靶标

功能	Photoreceptor required for image-forming vision at low light intensity. Required for photoreceptor cell viability after birth. Light-induced isomerization of 11-cis to all-trans retinal triggers a conformational change leading to G-protein activation and release of all-trans retinal.
组织特异性	Rod shaped photoreceptor cells which mediates vision in dim light.
疾病相关	Retinitis pigmentosa 4 Night blindness, congenital stationary, autosomal dominant 1
序列相似性	Belongs to the G-protein coupled receptor 1 family. Opsin subfamily.
翻译后修饰	Phosphorylated on some or all of the serine and threonine residues present in the C-terminal region. Contains one covalently linked retinal chromophore.
细胞定位	Membrane. Synthesized in the inner segment (IS) of rod photoreceptor cells before vectorial transport to the rod outer segment (OS) photosensory cilia.