abcam

Product datasheet

FITC Anti-Rhodopsin antibody [4D2] ab183399

1 Abreviews 3 References

製品の概要

製品名	FITC Anti-Rhodopsin antibody [4D2]
製品の詳細	FITC Mouse monoclonal [4D2] to Rhodopsin
由来種	Mouse
標識	FITC. Ex: 493nm, Em: 528nm
アプリケーション	**適用あり:** ELISA
種交差性	
免疫原	Recombinant fragment corresponding to Bovine Rhodopsin (N terminal). Database link: **P02699**
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Store In the Dark.
バッファー	Preservative: 0.09% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	4D2
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee	**Abpromise保証は、次のテスト済みアプリケーションにおけるab183399の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.

ターゲット情報

機能	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.
組織特異性	Rod shaped photoreceptor cells which mediates vision in dim light.
関連疾患	Retinitis pigmentosa 4 Night blindness, congenital stationary, autosomal dominant 1
配列類似性	Belongs to the G-protein coupled receptor 1 family. Opsin subfamily.
翻訳後修飾	Phosphorylated on some or all of the serine and threonine residues present in the C-terminal region. Contains one covalently linked retinal chromophore.
細胞内局在	Membrane. Synthesized in the inner segment (IS) of rod photoreceptor cells before vectorial transport to the rod outer segment (OS) photosensory cilia.