

Product datasheet

Anti-PIP2 antibody ab2335

5 References 画像数 1

製品の概要

製品名	Anti-PIP2 antibody
製品の詳細	Mouse monoclonal to PIP2
由来種	Mouse
特異性	This antibody cross reacts with Phosphatidic acid (<5.0%).
アプリケーション	<b>適用あり:</b> ICC/IF
免疫原	Phosphatidylinositol-4,5-biphosphate (PIP2) from bovine spinal cord

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium azide Constituents: PBS, 10% Fetal calf serum
精製度	Protein A purified
ポリ/モノ	モノクローナル
アイソタイプ	IgG2b

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab2335** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

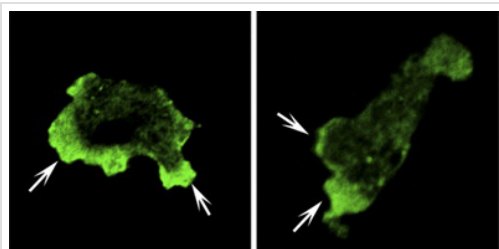
アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration. TBS buffer is ideal.

ターゲット情報

## 関連性

Phosphatidylinositol 4,5-bisphosphate (PIP2) is a membrane phospholipid that has been implicated in a variety of cellular processes, including synaptic vesicle recycling and signal transduction pathways. PLCD4 hydrolyzes PIP2 to generate 2 second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3).

## 画像



Immunocytochemistry/ Immunofluorescence - Anti-PIP2 antibody (ab2335)

Image from Brzeska H et al., J Biol Chem. 2012 Apr 27;287(18):14923-36. Epub 2012 Feb 24. Fig 1.; doi: 10.1074/jbc.M111.318667; April 27, 2012, The Journal of Biological Chemistry, 287, 14923-14936.

ab2335, staining PIP2 in non-polarized (left) and polarized (right) AX3 cells by Immunocytochemistry/ Immunofluorescence.

Cells were fixed with formaldehyde, glutaraldehyde, and 0.01% Triton X-100 in PBS for 10 min. Samples were incubated with primary antibody at 1/100 dilution.

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