

Anti-Cy5 antibody [CY5-15] ab52061

★★★★★ **1 Abreviews** **4 References**

製品の概要

製品名	Anti-Cy5 antibody [CY5-15]
製品の詳細	Mouse monoclonal [CY5-15] to Cy5
由来種	Mouse
アプリケーション	適用あり: Dot blot, ELISA, IP, ICC, IHC-FoFr, IHC-FrFI, Flow Cyt
種交差性	交差種: Species independent
免疫原	Full length protein corresponding to Cy5. A mixture of proteins labelled with Cy5.
ポジティブ・コントロール	IHC-Free Floating: Rat brain tissue. Flow Cytometry: Purified human CD4+ cells.
特記事項	<p>Monoclonal antibodies to Cy5 are an important tool for Cy5 signal amplification in assays where biomolecules are labelled with Cy5.</p> <p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
特記事項(精製)	Purified Immunoglobulin
一次抗体 備考	Monoclonal antibodies to Cy5 are an important tool for Cy5 signal amplification in assays where biomolecules are labelled with Cy5.
ポリ/モノ	モノクローナル
クローン名	CY5-15

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ab52061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
Dot blot		Use a concentration of 1 - 2 µg/ml.
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
ICC		Use at an assay dependent concentration.
IHC-FoFr		Use at an assay dependent concentration.
IHC-FrFI	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. PubMed: 24376610 ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

関連性

Cy3 and Cy5 are reactive watersoluble fluorescent dyes of the cyanine dye family used for labelling proteins, peptides, DNA, RNA, and other biomolecules. They are usually synthesized with reactive groups on either one or both of the nitrogen side chains so that they can be chemically cross-linked to nucleic acids or protein molecules. They are small, pH insensitive (between pH 3 and pH 10), soluble in aqueous solution and have tolerance to DMSO. They are more photostable than fluorescein, have high molar extinction coefficients and favorable quantum yields. They are used in many different biological assays, including DNA microarrays, protein microarrays, two-dimensional protein analysis, fluorescence resonance energy transfer, and immunocytochemistry. Cy3 is excited maximally at 550 nm and emits maximally at 570 nm, in the green part of the spectrum. Cy5 is excited maximally at 649 nm and emits maximally at 670 nm, in the red part of the spectrum.

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