abcam

Product datasheet

Anti-CLIP170 antibody [mAbcam61830] ab61830

1 References 画像数 3

製品の概要

製品名 Anti-CLIP170 antibody [mAbcam61830]

製品の詳細 Mouse monoclonal [mAbcam61830] to CLIP170

由来種 Mouse

アプリケーション 適用あり: ICC/IF, WB, IHC-P

適用なし: Flow Cyt

種交差性 交差種: Human

交差が予測される動物種: Mouse, Rat 🔷

免疫原 Recombinant fragment corresponding to Human CLIP170 aa 1100 to the C-terminus.

(Peptide available as ab96632)

ポジティブ・コントロール WB: Human skeletal muscle tissue lysate. ICC/IF: HEK293 cells. IHC-P: Human Cervical

carcinoma tissue.

特記事項 This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or

conjugation for your experiments, please contact orders@abcam.com.

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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

バッファー pH: 7.40

Preservative: 0.02% Sodium azide Constituents: PBS, 6.97% L-Arginine

精製度 Protein G purified

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ポリ/モノ モノクローナル ウローン名 mAbcam61830 ミエローマ Sp2/0-Ag14 Pイソタイプ IgG1

アプリケーション

The Abpromise guarantee <u>Abpromise保証は、</u>次のテスト済みアプリケーションにおけるab61830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 |
|----------|-----------|--|
| ICC/IF | | Use a concentration of 10 μg/ml. |
| WB | | Use a concentration of 1 µg/ml. Detects a band of approximately 161 kDa (predicted molecular weight: 161 kDa). |
| IHC-P | | Use at an assay dependent concentration. |

追加情報 Is unsuitable for Flow Cyt.

ターゲット情報

機能 Seems to be a intermediate filament associated protein that links endocytic vesicles to

microtubules.

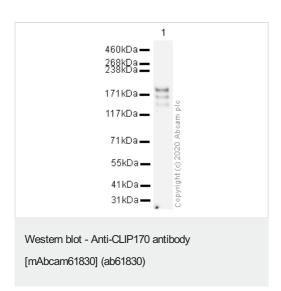
組織特異性 Highly expressed in the Reed-Sternberg cells of Hodgkin disease.

配列類似性 Contains 2 CAP-Gly domains.

細胞内局在 Cytoplasm. Cytoplasm > cytoskeleton. Associated with the cytoskeleton. Localizes to the tips of

microtubules.

画像



Anti-CLIP170 antibody [mAbcam61830] (ab61830) at 1 μ g/ml + Human Skeletal Muscle at 10 μ g

Secondary

Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/5000 dilution

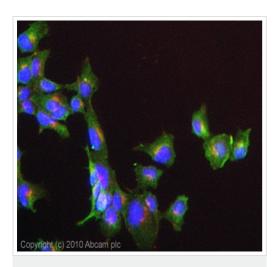
Predicted band size: 161 kDa

Observed band size: 150,161,190 kDa

Exposure time: 4 minutes

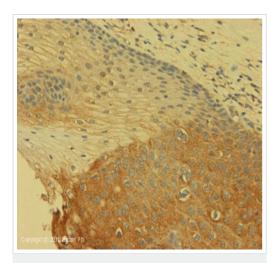
Blocking buffer: 3% Milk

Gel type: TA



Immunocytochemistry/ Immunofluorescence - Anti-CLIP170 antibody [mAbcam61830] (ab61830)

ICC/IF image of ab61830 stained Hek293 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab61830 at 10 μ g/ml overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti- mouse IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43 μ M. This antibody also gave a positive result in HeLa, HepG2, and MCF-7 cell lines in PFA at 10ug/ml



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-CLIP170 antibody [mAbcam61830] (ab61830)

IHC image of Ab61830 staining in Human Cervical carcinoma formalin fixed paraffin embedded tissue section, performed on a Leica Bond TM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with Ab61830, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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