abcam

Product datasheet

Anti-CD81 antibody [1D6] - Low endotoxin, Azide free ab35026

KO 評価済

1 Abreviews 5 References 画像数 1

製品の概要

製品名	Anti-CD81 antibody [1D6] - Low endotoxin, Azide free
製品の詳細	Mouse monoclonal [1D6] to CD81 - Low endotoxin, Azide free
由来種	Mouse
特異性	ab35026 recognises CD81, a 26kD cell surface antigen and a member of the tetraspanin family.
アプリケーション	**適用あり:** Flow Cyt **適用なし:** WB
種交差性	**交差種:** Human
免疫原	Tissue, cells or virus corresponding to Human CD81. Aggregated OCI-LY8 cells.
ポジティブ・コントロール	Flow Cyt: HAP1-WT cells.
特記事項	ab35026 is a potent CD81 reagent, induces homotypic adhesion and has powerful anti proliferative effects. Endotoxin Level: <0.01 Eu/ug (low endotoxin grade). 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.40 Constituent: PBS
キャリア・フリー	はい
精製度	Protein G purified

特記事項（精製）	This antibody was purified from tissue culture supernatant.
一次抗体 備考	Ab35026 is a potent CD81 reagent, induces homotypic adhesion and has powerful anti proliferative effects. Endotoxin Level: <0.01 Eu/ug (low endotoxin grade).
ポリ/モノ	モノクローナル
クローン名	1D6
ミエローマ	P3x63-Ag8.653
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ab35026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。

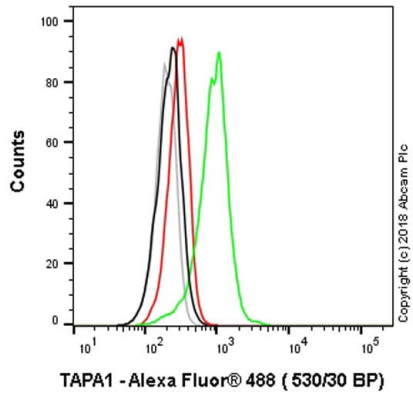
アプリケーション	Abreviews	特記事項
Flow Cyt		1/5 - 1/10. Use 10µl of the suggested working dilution to label 10^6 cells in 100µl. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

追加情報	Is unsuitable for WB.

ターゲット情報

機能	May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May acts a the viral receptor for HCV.
組織特異性	Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.
関連疾患	Defects in CD81 are the cause of immunodeficiency common variable type 6 (CVID6) [MIM:613496]; also called antibody deficiency due to CD81 defect. CVID6 is a primary immunodeficiency characterized by antibody deficiency, hypogammaglobulinemia, recurrent bacterial infections and an inability to mount an antibody response to antigen. The defect results from a failure of B-cell differentiation and impaired secretion of immunoglobulins; the numbers of circulating B cells is usually in the normal range, but can be low.
配列類似性	Belongs to the tetraspanin (TM4SF) family.
翻訳後修飾	Not glycosylated.
細胞内局在	Membrane.

画像



Flow Cytometry - Anti-CD81 antibody [1D6] - Low endotoxin, Azide free (ab35026)

Overlay histogram showing HAP1 wildtype (green line) and HAP1-CD81 knockout cells (red line) stained with ab35026. The cells were fixed with 4% formaldehyde (10 min) and then permeabilized with 0.1% PBS-Triton X-100 for 15 min. The cells were then incubated in 1x PBS / 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (ab35026, 0.1µg/ml) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) presorbed (**ab150117**) at 1/2000 dilution for 30 min at 22°C.

A mouse IgG1 isotype control antibody (**ab170190**) was used at the same concentration and conditions as the primary antibody (HAP1 wildtype - black line, HAP1-CD81 knockout - grey line). Unlabelled sample was also used as a control (this line is not shown for the purpose of simplicity).

Acquisition of >5,000 events were collected using a 50 mW Blue laser (488nm) and 530/30 bandpass filter.

This antibody can also be used in HAP1 cells fixed with 80% methanol (5 min), permeabilized with 0.1% PBS-Triton X-100 for 15 min under the same conditions.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors