

### 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	<b>適用あり:</b> Flow Cyt <b>適用なし:</b> WB
種交差性	<b>交差種:</b> 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。

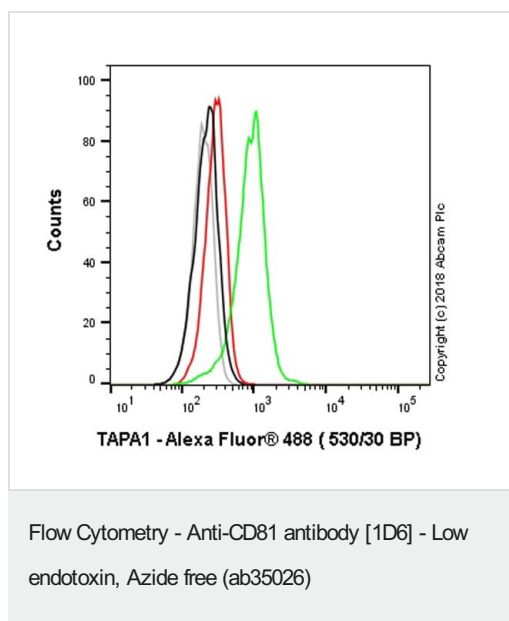
アプリケーション	Abreviews	特記事項
Flow Cyt		1/5 - 1/10. Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

**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



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, 0.1 µg/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