

## Product datasheet

# Anti-CD18 antibody [M18/2] ab119830

★★★★★ 1 Abreviews 5 References 画像数 1

### 製品の概要

製品名	Anti-CD18 antibody [M18/2]
製品の詳細	Rat monoclonal [M18/2] to CD18
アプリケーション	<b>適用あり:</b> WB, IP, Functional Studies, Blocking, IHC-Fr, IHC-P, Flow Cyt, ICC/IF
種交差性	<b>交差種:</b> Mouse <b>非交差種:</b> Dog
免疫原	Mouse cytotoxic T cell glycoproteins.

### 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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: 99% PBS
精製度	Protein A purified
特記事項(精製)	> 95% (by SDS-PAGE)
ポリ/モノ	モノクローナル
クローン名	M18/2
アイソタイプ	IgG2a

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab119830** in the following tested applications.

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

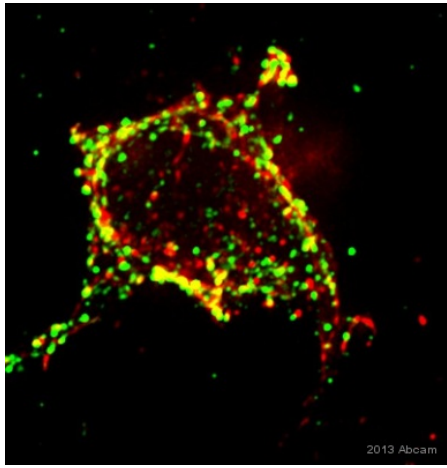
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 85 kDa.
IP		Use at an assay dependent concentration.

アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.
Blocking		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
Flow Cyt		Use a concentration of 1 µg/ml. <a href="#">ab18450</a> - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
ICC/IF	★★★★★	1/300.

## ターゲット情報

機能	Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. Integrins alpha-M/beta-2 and alpha-X/beta-2 are receptors for the iC3b fragment of the third complement component and for fibrinogen. Integrin alpha-X/beta-2 recognizes the sequence G-P-R in fibrinogen alpha-chain. Integrin alpha-M/beta-2 recognizes P1 and P2 peptides of fibrinogen gamma chain. Integrin alpha-M/beta-2 is also a receptor for factor X. Integrin alpha-D/beta-2 is a receptor for ICAM3 and VCAM1.
関連疾患	Defects in ITGB2 are the cause of leukocyte adhesion deficiency type 1 (LAD1) [MIM:116920]. LAD1 patients have recurrent bacterial infections and their leukocytes are deficient in a wide range of adhesion-dependent functions.
配列類似性	Belongs to the integrin beta chain family. Contains 1 VWFA domain.
翻訳後修飾	Both Ser-745 and Ser-756 become phosphorylated when T-cells are exposed to phorbol esters. Phosphorylation on Thr-758 (but not on Ser-756) allows interaction with 14-3-3 proteins.
細胞内局在	Membrane.

## 画像



ICC/IF image of CD18 staining on RAW264.7 cells using ab119830 (1:300). The cells were fixed using formaldehyde and later permeabilized using 0.2% Triton X-100. The cells were blocked using 10% goat serum for 1 hour at 20°C. ab119830 was diluted to 1:300 and incubated with the cells for 1 hour at 20°C. The secondary antibody used was Anti-rat goat polyclonal conjugated to Alexa Fluor 647 (1:350).

Immunocytochemistry/ Immunofluorescence - Anti-CD18 antibody [M18/2] (ab119830)

This image is courtesy of an anonymous abreview.

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