

## Product datasheet

# Anti-MMAB antibody [3B8] ab123907

画像数 3

### 製品の概要

製品名	Anti-MMAB antibody [3B8]
製品の詳細	Mouse monoclonal [3B8] to MMAB
由来種	Mouse
アプリケーション	<b>適用あり:</b> Flow Cyt, WB, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length Human MMAB produced in HEK293T cells (NP_443077).
ポジティブ・コントロール	HEK293T cell lysate transfected with pCMV6-ENTRY MMAB cDNA; COS7 cells transiently transfected with pCMV6-ENTRY MMAB; HEK293T cells transfected with pCMV6-ENTRY MMAB.
特記事項	Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt.

### 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 repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
精製度	Protein A purified
特記事項(精製)	ab123907 was purified from mouse ascites fluids by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	3B8
アイソタイプ	IgG2a

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab123907** in the following tested applications.

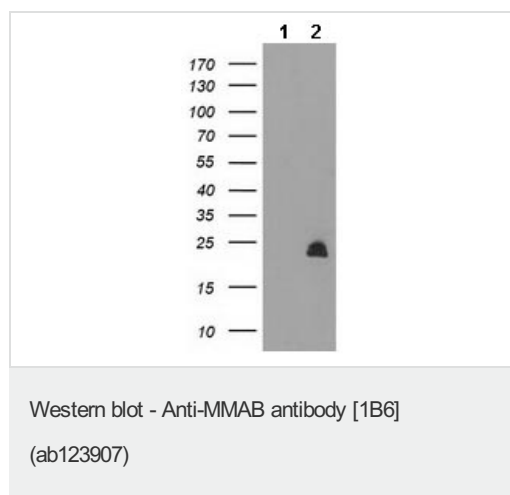
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
Flow Cyt		1/100. <a href="#">ab170191</a> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
WB		1/2000. Predicted molecular weight: 27 kDa.
ICC/IF		1/100.

## ターゲット情報

組織特異性	Expressed in liver and skeletal muscle.
パスウェイ	Cofactor biosynthesis; adenosylcobalamin biosynthesis; adenosylcobalamin from cob(II)yrinate a,c-diamide: step 2/7.
関連疾患	Defects in MMAB are the cause of methylmalonic aciduria type cbIB (MMAB) [MIM:251110]; also known as methylmalonic aciduria type B or vitamin B12-responsive methylmalonicaciduria of cbIB complementation type. MMAB is a disorder of methylmalonate and cobalamin metabolism due to defective synthesis of adenosylcobalamin. Inheritance is autosomal recessive.
配列類似性	Belongs to the Cob(I)alamin adenosyltransferase family.
細胞内局在	Mitochondrion.

## 画像



**All lanes** : Anti-MMAB antibody [3B8]

(ab123907) at 1/2000 dilution

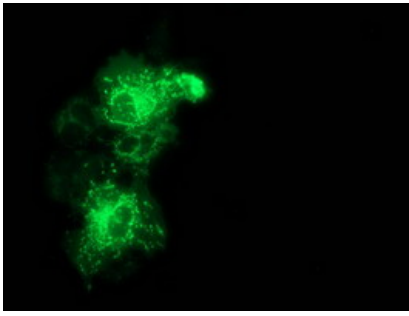
**Lane 1** : HEK293T cell lysate transfected with pCMV6-ENTRY control cDNA

**Lane 2** : HEK293T cell lysate transfected with pCMV6-ENTRY MMAB cDNA

Lysates/proteins at 5 µg per lane.

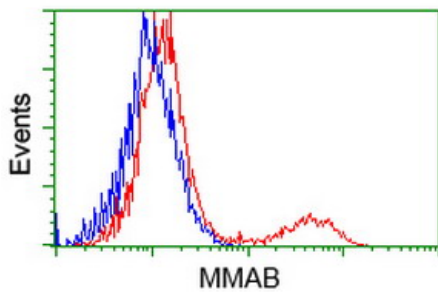
**Predicted band size:** 27 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC204290)



ab123907, at 1/100 dilution, staining MMAB in COS7 cells transiently transfected with pCMV6-ENTRY MMAB by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-MMAB antibody [1B6] (ab123907)



ab123907 at 1/100 dilution staining MMAB in HEK293T cells transfected with either pCMV6-ENTRY MMAB (Red) or empty vector control plasmid (Blue) by flow cytometry.

Flow Cytometry - Anti-MMAB antibody [3B8] (ab123907)

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