

# Anti-Carboxypeptidase Y antibody [10A5B5] ab113685

**7 References**   [画像数 1](#)

### 製品の概要

製品名	Anti-Carboxypeptidase Y antibody [10A5B5]
製品の詳細	Mouse monoclonal [10A5B5] to Carboxypeptidase Y
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> <i>Saccharomyces cerevisiae</i>
免疫原	Full length native protein (purified). This information is considered to be commercially sensitive.
ポジティブ・コントロール	Yeast membranes
特記事項	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>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.</p> <p>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&amp;As</p> <p>Product was previously marketed under the MitoSciences sub-brand.</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
精製度	Proprietary Purification
特記事項 (精製)	Near homogeneity (Purity >95% by SDS-PAGE). The antibody was produced in vitro using hybridomas grown in serum-free medium, and then purified by chemical fractionation.
ポリ/モノ	モノクローナル

クローン名	10A5B5
アイソタイプ	IgG1
軽鎖の種類	kappa

アプリケーション

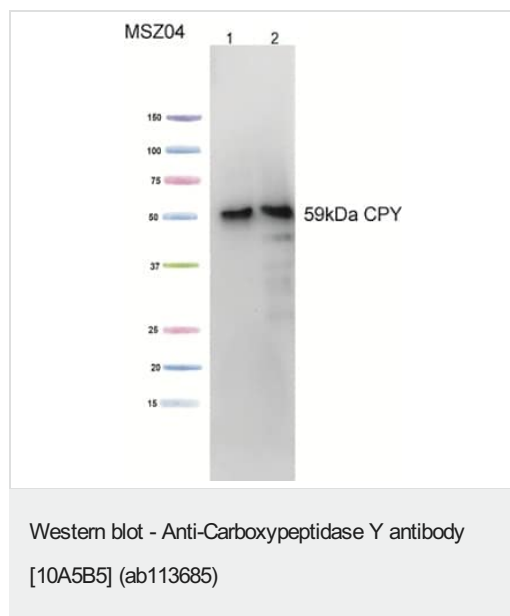
The Abpromise guarantee      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab113685の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 0.5 µg/ml. Detects a band of approximately 59 kDa (predicted molecular weight: 59 kDa).

ターゲット情報

機能	Involved in degradation of small peptides. Digests preferentially peptides containing an aliphatic or hydrophobic residue in P1' position, as well as methionine, leucine or phenylalanine in P1 position of ester substrate.
配列類似性	Belongs to the peptidase S10 family.
翻訳後修飾	Enters the endoplasmic reticulum as an inactive zymogen and is modified by four N-linked core oligosaccharides, giving rise to a precursor known as P1 (67 kDa). As P1 transits through the Golgi, extension of its core oligosaccharides leads to the Golgi-modified P2 precursor (69 kDa). P2 is sorted away from secretory proteins at or beyond a late Golgi compartment and is subsequently delivered to the vacuole via a prevacuolar endosome-like compartment. Upon arrival in the vacuole, the N-terminal prosegment of P2 is cleaved to yield the enzymatically active mature vacuolar form of CPY (61 kDa).
細胞内局在	Vacuole. Lysosome-like vacuoles.

画像



**All lanes :** Anti-Carboxypeptidase Y antibody [10A5B5]  
(ab113685)

**Lane 1 :** Yeast whole cell lysate

**Lane 2 :** Yeast membrane preparation

Lysates/proteins at 15 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 59 kDa

**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