

## Product datasheet

# Anti-beta 2 Microglobulin antibody [F21-21] (Biotin) ab25160

### 製品の概要

製品名	Anti-beta 2 Microglobulin antibody [F21-21] (Biotin)
製品の詳細	Mouse monoclonal [F21-21] to beta 2 Microglobulin (Biotin)
標識	Biotin
特異性	ab25160 recognises the $\beta$ 2-microglobulin subunit of MHC Class I molecules
アプリケーション	<b>適用あり:</b> Other, Flow Cyt, IP, WB
種交差性	<b>交差種:</b> Chicken, Turkey
免疫原	The details of the immunogen for this antibody are not available.

### 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	Preservative: 0.1% Sodium Azide Constituents: PBS
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	F21-21
アイソタイプ	IgG1
軽鎖の種類	kappa

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab25160** 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
Other		
Flow Cyt		

アプリケーション	Abreviews	特記事項
IP		
WB		
AP		
<b>追加情報</b>	<p>AP: Use at an assay dependent dilution.            Flow Cyt: Use 1µg for 10<sup>6</sup> cells.            IP: Use at an assay dependent dilution.            WB: Use at an assay dependent dilution. Predicted molecular weight: 13 kDa.</p> <p>Not yet tested in other applications.            Optimal dilutions/concentrations should be determined by the end user.</p>	
<b>ターゲット情報</b>		
<b>機能</b>	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.	
<b>関連疾患</b>	<p>Defects in B2M are the cause of hypercatabolic hypoproteinemia (HYCATHYP) [MIM:241600]. Affected individuals show marked reduction in serum concentrations of immunoglobulin and albumin, probably due to rapid degradation.</p> <p>Note=Beta-2-microglobulin may adopt the fibrillar configuration of amyloid in certain pathologic states. The capacity to assemble into amyloid fibrils is concentration dependent. Persistently high beta(2)-microglobulin serum levels lead to amyloidosis in patients on long-term hemodialysis.</p>	
<b>配列類似性</b>	<p>Belongs to the beta-2-microglobulin family.</p> <p>Contains 1 Ig-like C1-type (immunoglobulin-like) domain.</p>	
<b>翻訳後修飾</b>	Glycation of Ile-21 is observed in long-term hemodialysis patients.	
<b>細胞内局在</b>	Secreted. Detected in serum and urine.	

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### 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 <http://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