

## Product datasheet

# Anti-beta 2 Microglobulin antibody [F21-21] (Phycoerythrin) ab25431

### 製品の概要

製品名	Anti-beta 2 Microglobulin antibody [F21-21] (Phycoerythrin)
製品の詳細	Mouse monoclonal [F21-21] to beta 2 Microglobulin (Phycoerythrin)
由来種	Mouse
標識	Phycoerythrin. Ex: 488nm, Em: 575nm
特異性	This antibody recognises beta 2 Microglobulin subunit of avian MHC Class I molecules.
アプリケーション	<b>適用あり:</b> WB, Flow Cyt, IP
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.
バッファー	Preservative: 0.09% Sodium Azide Constituents: 16% Sucrose, PBS; Stabilizing agent
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 **ab25431** 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		

アプリケーション	Abreviews	特記事項
Flow Cyt		
IP		
<b>追加情報</b>	<p>Flow Cyt: Use 0.2µg for 10<sup>6</sup> cells.</p> <p>IP: Use at an assay dependent dilution.</p> <p>WB: Use at an assay dependent dilution. Predicted molecular weight: 14 kDa.</p> <p>Immunoaffinity chromatography: Use at an assay dependent dilution.</p> <p>Not yet tested in other applications.</p> <p>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.	

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