

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	適用あり: WB, Flow Cyt, IP
種交差性	交差種: 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		
追加情報	<p>Flow Cyt: Use 0.2µg for 10⁶ 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>	
ターゲット情報		
機能	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.	
関連疾患	<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>	
配列類似性	Belongs to the beta-2-microglobulin family.	
翻訳後修飾	Contains 1 Ig-like C1-type (immunoglobulin-like) domain.	
細胞内局在	Glycation of Ile-21 is observed in long-term hemodialysis patients.	
細胞内局在	Secreted. Detected in serum and urine.	

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