

PerCP/Cy5.5® Anti-beta 2 Microglobulin antibody [B2M-01] ab157311

製品の概要

製品名	PerCP/Cy5.5® Anti-beta 2 Microglobulin antibody [B2M-01]
製品の詳細	PerCP/Cy5.5® Mouse monoclonal [B2M-01] to beta 2 Microglobulin
由来種	Mouse
標識	PerCP/Cy5.5®. Ex: 482nm, Em: 690nm
特異性	ab157311 reacts with beta 2 Microglobulin associated with cell-surface MHC Class I molecules and other membrane antigens as well as with soluble beta 2 Microglobulin. beta 2 Microglobulin is expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes.
アプリケーション	適用あり: Flow Cyt
種交差性	交差種: Human 非交差種: Mouse, Rabbit, Chicken, Cow, Dog
免疫原	Purified Human beta 2 Microglobulin.
ポジティブ・コントロール	Flow Cyt: Peripheral blood lymphocytes (Negative control: DAUDI Human Burkitt lymphoma cell line, erythrocytes). IP: lysates of Human lymphoid cells. WB: U937 Human histiocytic lymphoma cell line or RAJI Human Burkitt lymphoma cell line (Negative control: EL4 mouse lymphoblastic lymphoma cell line) IHC: kidney glomeruli.
特記事項	<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&As</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	pH: 7.4 Preservative: 0.1% Sodium azide Constituents: 99% PBS, 0.2% BSA

精製度	Size exclusion
特記事項(精製)	ab157311 is conjugated with tandem dye PerCP/Cy5.5® under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary for use in Flow Cytometry analysis.
ポリ/モノ	モノクローナル
クローン名	B2M-01
アイソタイプ	IgG2a

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ab157311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
Flow Cyt		Use 4µl for 10 ⁶ cells. 4 µl reagent / 100 µl of whole blood

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	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. 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.
配列類似性	Belongs to the beta-2-microglobulin family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
翻訳後修飾	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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