

Product datasheet

Anti-beta 2 Microglobulin antibody ab31137

製品の概要

製品名	Anti-beta 2 Microglobulin antibody
製品の詳細	Duck polyclonal to beta 2 Microglobulin
由来種	Duck
特異性	A single arc was shown while the antibody was reacting with part pure human beta 2 microglobulin by Immunoelectrophoresis. Nothing was shown when the antibody reacted with normal human serum. Similar specific reactions were observed when the antibody was tested by western blot assay.
アプリケーション	適用あり: WB, Immunoelectrophoresis, ELISA, Immunodiffusion
種交差性	交差種: Human
免疫原	Full length native protein (purified) (Human): beta 2 Microglobulin
特記事項	ab31137 is an IgY (delta Fc).

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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 0.0268% PBS, 0.812% Sodium chloride
精製度	Immunogen affinity purified
特記事項(精製)	ab31137 purity was determined by SDS-PAGE(blue stain), showing that the IgY (deltaFc) constitute was >90% of total protein.
ポリ/モノ	ポリクローナル
アイソタイプ	IgY

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab31137** 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		Use at an assay dependent dilution. Predicted molecular weight: 14 kDa.
Immunoelectrophoresis		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.
Immunodiffusion		Use at an assay dependent dilution.

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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