

### Anti-LAMB3 antibody [EPR7524] ab128864

リコンビナント RabMAb

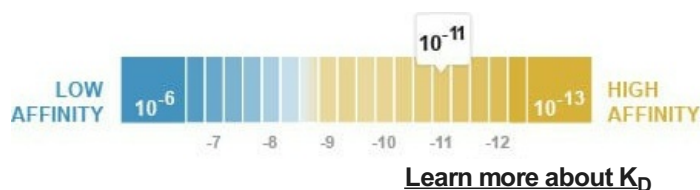
#### 1 References 画像数 3

#### 製品の概要

製品名	Anti-LAMB3 antibody [EPR7524]
製品の詳細	Rabbit monoclonal [EPR7524] to LAMB3
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB <b>適用なし:</b> Flow Cyt, ICC/IF, IHC-P or IP
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide within Human LAMB3 aa 50-150. The exact sequence is proprietary.
ポジティブ・コントロール	HACAT and A431 cell lysates.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 3.92 x 10 <sup>-11</sup> M



バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR7524
アイソタイプ	IgG

## 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ab128864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確認ください。

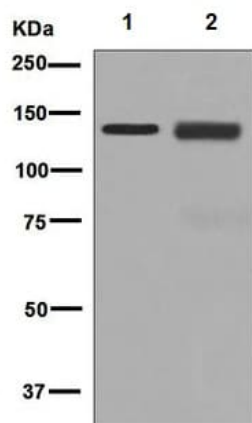
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 140 kDa (predicted molecular weight: 130 kDa).

**追加情報**      Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## ターゲット情報

機能	Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.
組織特異性	Found in the basement membranes (major component).
関連疾患	Defects in LAMB3 are a cause of epidermolysis bullosa junctional Herlitz type (H-JEB) [MIM:226700]; also known as junctional epidermolysis bullosa Herlitz-Pearson type. JEB defines a group of blistering skin diseases characterized by tissue separation which occurs within the dermo-epidermal basement membrane. H-JEB is a severe, infantile and lethal form. Death occurs usually within the first six months of life. Occasionally, children survive to teens. H-JEB is marked by bullous lesions at birth and extensive denudation of skin and mucous membranes that may be hemorrhagic. Defects in LAMB3 are a cause of generalized atrophic benign epidermolysis bullosa (GABEB) [MIM:226650]. GABEB is a non-lethal, adult form of junctional epidermolysis bullosa characterized by life-long blistering of the skin, associated with hair and tooth abnormalities.
配列類似性	Contains 6 laminin EGF-like domains. Contains 1 laminin N-terminal domain.
ドメイン	The alpha-helical domains I and II are thought to interact with other laminin chains to form a coiled coil structure. Domain VI is globular.
細胞内局在	Secreted > extracellular space > extracellular matrix > basement membrane.

## 画像



Western blot - Anti-LAMB3 antibody [EPR7524]  
(ab128864)

**All lanes** : Anti-LAMB3 antibody [EPR7524] (ab128864) at 1/1000 dilution

**Lane 1** : HACAT cell lysate

**Lane 2** : A431 cell lysate

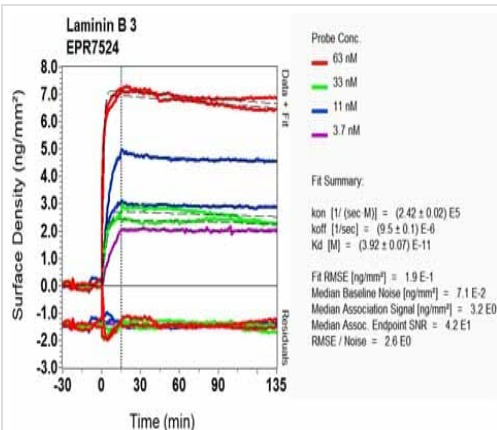
Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 130 kDa

**Observed band size:** 140 kDa



BIACore Scanning - Anti-LAMB3 antibody [EPR7524]  
(ab128864)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-LAMB3 antibody [EPR7524] (ab128864)

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