

Anti-Band 3/AE 1 (phospho Y359) antibody [EPR1427Y] ab77236

リコンビナント **RabMAb**

画像数 2

製品の概要

製品名	Anti-Band 3/AE 1 (phospho Y359) antibody [EPR1427Y]
製品の詳細	Rabbit monoclonal [EPR1427Y] to Band 3/AE 1 (phospho Y359)
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt or IP
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human Band 3/AE 1 (phospho Y359).
ポジティブ・コントロール	Red blood cell lysates treated with pervanadate
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR1427Y
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ab77236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。

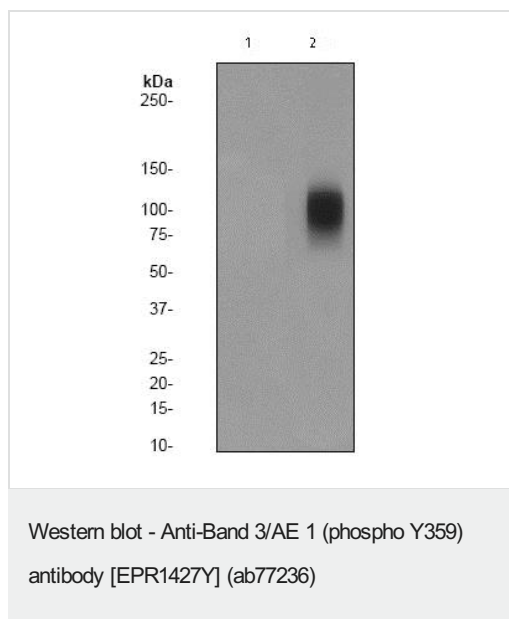
アプリケーション	Abreviews	特記事項
WB		1/50000. Predicted molecular weight: 102 kDa.

追加情報 Is unsuitable for Flow Cyt or IP.

ターゲット情報

機能	Functions both as a transporter that mediates electroneutral anion exchange across the cell membrane and as a structural protein. Major integral membrane glycoprotein of the erythrocyte membrane; required for normal flexibility and stability of the erythrocyte membrane and for normal erythrocyte shape via the interactions of its cytoplasmic domain with cytoskeletal proteins, glycolytic enzymes, and hemoglobin. Functions as a transporter that mediates the 1:1 exchange of inorganic anions across the erythrocyte membrane. Mediates chloride-bicarbonate exchange in the kidney, and is required for normal acidification of the urine.
組織特異性	Detected in erythrocytes (at protein level) (PubMed:7506871, PubMed:26542571). Isoform 2 is expressed in kidney (at protein level) (PubMed:7506871).
関連疾患	Ovalocytosis, Southeast Asian Spherocytosis 4 Renal tubular acidosis, distal, autosomal dominant Renal tubular acidosis, distal, with hemolytic anemia Renal tubular acidosis, distal, with normal red cell morphology Cryohydrocytosis
配列類似性	Belongs to the anion exchanger (TC 2.A.31) family.
翻訳後修飾	Phosphorylated on Tyr-8 and Tyr-21 most likely by SYK. PP1-resistant phosphorylation that precedes Tyr-359 and Tyr-904 phosphorylation. Phosphorylated on Tyr-359 and Tyr-904 most likely by LYN. PP1-inhibited phosphorylation that follows Tyr-8 and Tyr-21 phosphorylation. N-glycosylated.
細胞内局在	Cell membrane. Basolateral cell membrane. Detected in the erythrocyte cell membrane and on the basolateral membrane of alpha-intercalated cells in the collecting duct in the kidney.

画像



All lanes : Anti-Band 3/AE 1 (phospho Y359) antibody [EPR1427Y] (ab77236) at 1/50000 dilution

Lane 1 : Red blood cell lysate, untreated.

Lane 2 : Red blood cell lysate treated with pervanadate.

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 102 kDa

Observed band size: 102 kDa

Why choose a recombinant antibody?

<p>Research with confidence Consistent and reproducible results</p>	<p>Long-term and scalable supply Recombinant technology</p>
<p>Success from the first experiment Confirmed specificity</p>	<p>Ethical standards compliant Animal-free production</p>

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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