

### Anti-FLAP antibody [EPR5640] ab124714

リコンビナント **RabMAb**

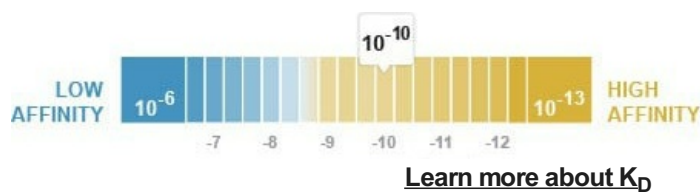
#### 1 References [画像数 3](#)

#### 製品の概要

製品名	Anti-FLAP antibody [EPR5640]
製品の詳細	Rabbit monoclonal [EPR5640] to FLAP
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 FLAP aa 100-200. The exact sequence is proprietary.
ポジティブ・コントロール	Raji, THP-1, HepG2, and K562 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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
解離定数 (K <sub>D</sub> 値)	K <sub>D</sub> = 1.66 x 10 <sup>-10</sup> M



バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 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	EPR5640
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ab124714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。

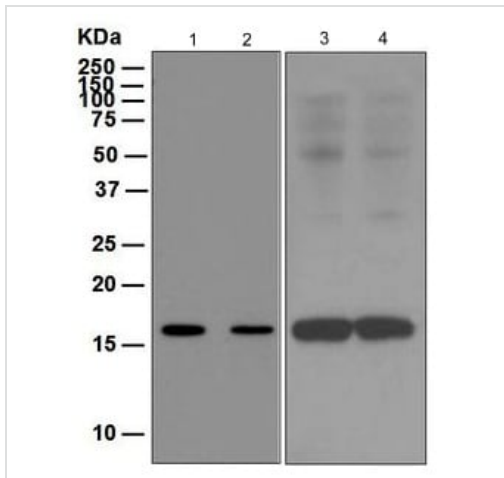
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Predicted molecular weight: 18 kDa.

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

## ターゲット情報

機能	Required for leukotriene biosynthesis by ALOX5 (5-lipoxygenase). Anchors ALOX5 to the membrane. Binds arachidonic acid, and could play an essential role in the transfer of arachidonic acid to ALOX5. Binds to MK-886, a compound that blocks the biosynthesis of leukotrienes.
関連疾患	Genetic variations in ALOX5AP may be a cause of susceptibility to ischemic stroke (ISCHSTR) [MIM:601367]; also known as cerebrovascular accident or cerebral infarction. A stroke is an acute neurologic event leading to death of neural tissue of the brain and resulting in loss of motor, sensory and/or cognitive function. Ischemic strokes, resulting from vascular occlusion, is considered to be a highly complex disease consisting of a group of heterogeneous disorders with multiple genetic and environmental risk factors. Note=Genetic variations in ALOX5AP may be associated with susceptibility to myocardial infarction. Involvement in myocardial infarction is however unclear: according to some authors (PubMed:14770184), a 4-SNP haplotype in ALOX5AP confers risk of myocardial infarction, while according to other (PubMed:17304054) ALOX5AP is not implicated in this condition.
配列類似性	Belongs to the MAPEG family.
ドメイン	The C-terminal part after residue 140 is mostly unstructured.
細胞内局在	Nucleus membrane. Endoplasmic reticulum membrane.

## 画像



Western blot - Anti-FLAP antibody [EPR5640]  
(ab124714)

**All lanes** : Anti-FLAP antibody [EPR5640] (ab124714) at 1/1000 dilution

**Lane 1** : Raji cell lysates

**Lane 2** : THP1 cell lysates

**Lane 3** : HepG2 cell lysates

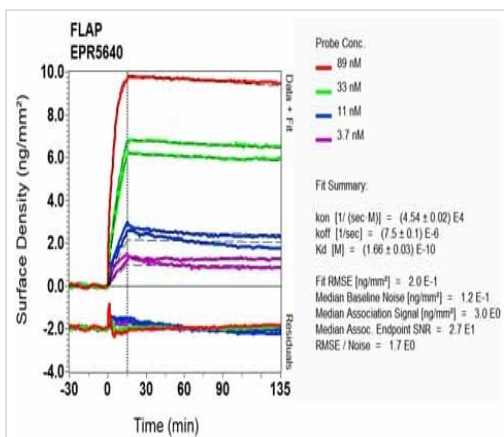
**Lane 4** : K562 cell lysates

Lysates/proteins at 10 µg per lane.

### Secondary

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

**Predicted band size:** 18 kDa



SPR Scanning - Anti-FLAP antibody [EPR5640]  
(ab124714)

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-FLAP antibody [EPR5640] (ab124714)

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

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