# abcam

## Product datasheet

# Anti-ARL4A antibody [EPR6086] - BSA and Azide free ab247961

リコンビナント　RabMAb

**画像数** 3
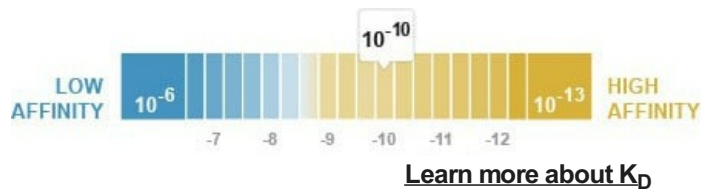
## 製品の概要

| | |
|---|---|
| **製品名** | Anti-ARL4A antibody [EPR6086] - BSA and Azide free |
| **製品の詳細** | Rabbit monoclonal [EPR6086] to ARL4A - BSA and Azide free |
| **由来種** | Rabbit |
| **アプリケーション** | **適用あり:** WB<br>**適用なし:** ICC/IF,IHC-P or IP |
| **種交差性** | **交差種:** Human<br>**非交差種:** Mouse, Rat |
| **免疫原** | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| **特記事項** | ab247961 is the carrier-free version of **ab124690**.<br><br>Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.<br><br>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.<br><br>Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.<br><br>This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.<br><br>This product is a recombinant monoclonal antibody, which offers several advantages including:<br>- High batch-to-batch consistency and reproducibility<br>- Improved sensitivity and specificity<br>- Long-term security of supply<br>- Animal-free production<br>For more information **see here**.<br><br>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**. |

製品の特性

| | |
|---|---|
| **製品の状態** | Liquid |
| **保存方法** | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| **解離定数（$K_D$ 値）** | $K_D = 9.34 \times 10^{-10}$ M |



**Learn more about $K_D$**

| | |
|---|---|
| **バッファー** | pH: 7.2<br>Constituent: PBS |
| **キャリア・フリー** | はい |
| **精製度** | Protein A purified |
| **ポリ/モノ** | モノクローナル |
| **クローン名** | EPR6086 |
| **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ab247961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** | | Use at an assay dependent concentration. Detects a band of approximately 24 kDa (predicted molecular weight: 23 kDa). |

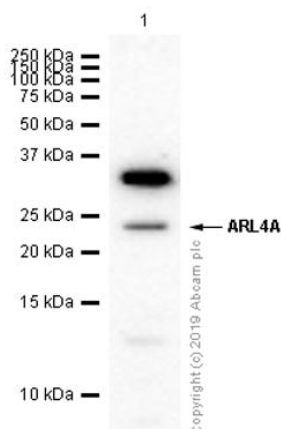| | |
|---|---|
| **追加情報** | Is unsuitable for ICC/IF,IHC-P or IP. |

## ターゲット情報

| | |
|---|---|
| **機能** | Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP). GTP-binding protein that does not act as an allosteric activator of the cholera toxin catalytic subunit. Recruits CYTH1, CYTH2, CYTH3 and CYTH4 to the plasma membrane in GDP-bound form. |
| **配列類似性** | Belongs to the small GTPase superfamily. Arf family. |
| **翻訳後修飾** | Myristoylated. |
| **細胞内局在** | Cell membrane. Cytoplasm. Nucleus > nucleolus. Localization in the nucleolus is dependent by nucleotide binding. |

## 画像

Western blot - Anti-ARL4A antibody [EPR6086] -
BSA and Azide free (ab247961)

Anti-ARL4A antibody [EPR6086] (**ab124690**) at 1/1000 dilution
(Purified) + Human small intestine tissue lysate prepared in 1%
SDS Hot lysis method at 15 µg

**Secondary**
Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with
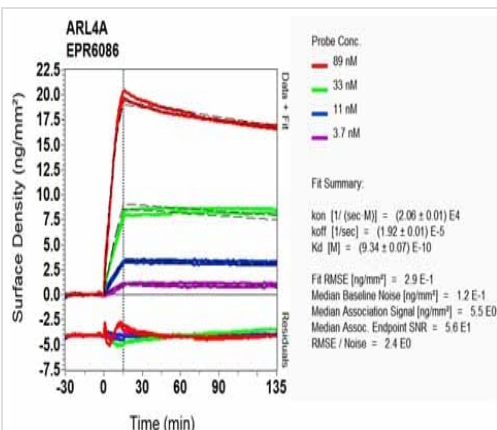human IgG at 1/2000 dilution

**Predicted band size:** 23 kDa
**Observed band size:** 23 kDa

This data was developed using **ab124690**, the same antibody
clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDM/TBST.

We recommend to use 1%SDS Hot lysis prepare method to get
desired Western Blot results.



OI-RD Scanning - Anti-ARL4A antibody [EPR6086] -
BSA and Azide free (ab247961)

This data was developed using **ab124690**, the same antibody
clone in a different buffer formulation.Equilibrium disassociation
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-ARL4A antibody [EPR6086] - BSA and Azide

free (ab247961)

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

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