abcam

Product datasheet

Anti-AKR1C1/AKR1C2 antibody [EPR11542] ab179448

リコンビナント RabMAb

4 References 画像数 6

製品の概要

製品名	Anti-AKR1C1/AKR1C2 antibody [EPR11542]
製品の詳細	Rabbit monoclonal [EPR11542] to AKR1C1/AKR1C2
由来種	Rabbit
特異性	AKR1C1 and AKR1C2 (Swiss Prot: Q04828/P52895) sequences are 98% identical
アプリケーション	**適用あり:** Flow Cyt (Intra), ICC/IF, WB, IP **適用なし:** IHC-P
種交差性	**交差種:** Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	ICC/IF: U-87 MG cells. WB: His-tagged AKR1C2 and AKR1C2 recombinant full length proteins, HepG2, U87-MG, Human fetal liver and HeLa lysates. IP: HepG2 cell lysate. Flow Cyt: U87-MG cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. 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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant

ポリ/モノ	モノクローナル
クローン名	EPR11542
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ab179448の使用に適用されます

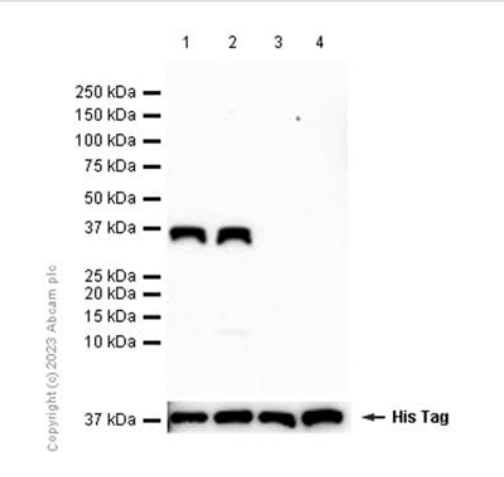
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/10 - 1/100. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		1/500.
WB		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
IP		1/10 - 1/100.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

画像



Western blot - Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448)

All lanes : Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448) at 1/1000 dilution

Lane 1 : His-tagged human AKR1C1 recombinant protein, full-length
Lane 2 : His-tagged human AKR1C2 recombinant protein, full-length
Lane 3 : His-tagged human AKR1C3 recombinant protein, full-length
Lane 4 : His-tagged human AKR1C4 recombinant protein, full-length

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

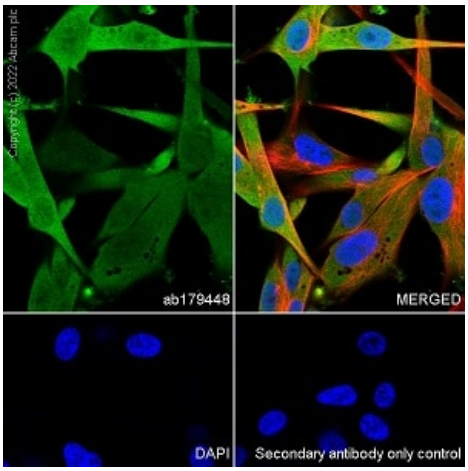
Predicted band size: 37 kDa

Observed band size: 39 kDa

Exposure time: 40 seconds

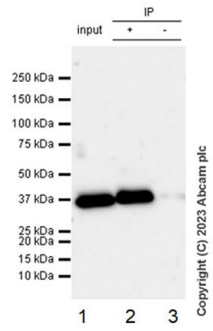
Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM/TBST.



Immunocytochemistry/ Immunofluorescence - Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448)

Immunocytochemical/immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized U-87 MG (human glioblastoma- astrocytoma epithelial cell) cells labelling AKR1C1/AKR1C2 with primary antibody anti-AKR1C1/AKR1C2 (ab179448) at 1/500 dilution, followed by AlexaFluor®488 Goat anti-Rabbit (**ab150077**) secondary antibody at 1/1000 dilution. Confocal image showing cytoplasmic and nuclear staining in U-87 MG cell line. Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (**ab195889**) was used to counterstain tubulin at 1:200 dilution. The nuclear counter stain is DAPI (blue).

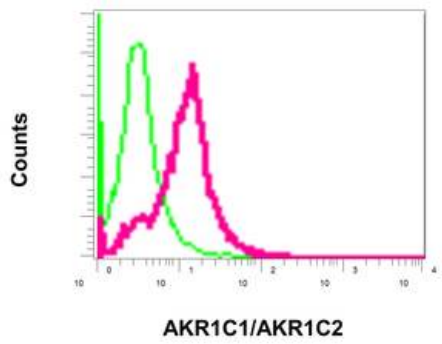


Immunoprecipitation - Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448)

AKR1C1/AKR1C2 was immunoprecipitated from U-87 MG lysates with ab179448 at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab179448 at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP) (**ab131366**) was used at 1/5000 dilution.

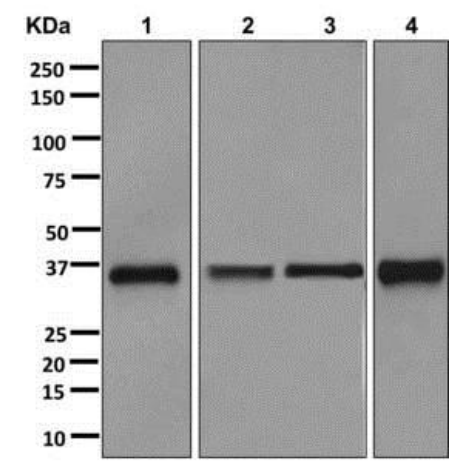
Lane 1: U-87 MG (human glioblastoma-astrocytoma epithelial cell) whole cell lysate 10 µg
Lane 2: U-87 MG (human glioblastoma-astrocytoma epithelial cell) whole cell lysate
Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab179448 in U-87 MG whole cell lysate

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



Flow Cytometry (Intracellular) - Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448)

Intracellular flow cytometric analysis of permeabilized U87-MG cellslabeling AKR1C1/AKR1C2 with ab179448 at 1/10 dilution (red),compared toa rabbit IgG negative control (green).



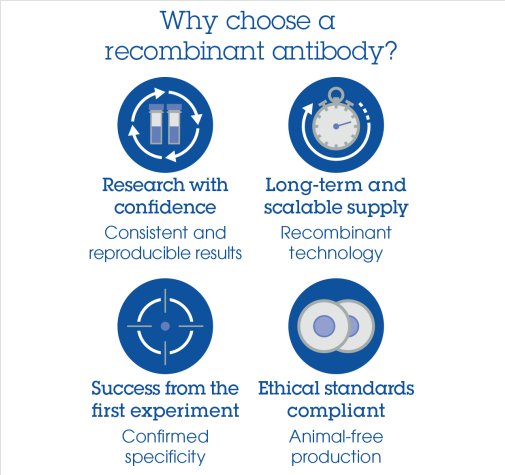
Western blot - Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448)

All lanes : Anti-AKR1C1/AKR1C2 antibody [EPR11542] (ab179448) at 1/1000 dilution

Lane 1 : HepG2 lysate
Lane 2 : U87-MG lysate
Lane 3 : Human fetal liver lysate
Lane 4 : HeLa lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 37 kDa



Anti-AKR1C1/AKR1C2 antibody [EPR11542]

(ab179448)

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