

Product datasheet

Anti-AKR1C1/AKR1C2 antibody [EPR11542] ab179448

Recombinant RabMAb

2 References 4 Images

Overview

Product name	Anti-AKR1C1/AKR1C2 antibody [EPR11542]
Description	Rabbit monoclonal [EPR11542] to AKR1C1/AKR1C2
Host species	Rabbit
Specificity	AKR1C1 and AKR1C2 (Swiss Prot: Q04828/P52895) sequences are 98% identical
Tested applications	Suitable for: Flow Cyt (Intra), WB, IP Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	HepG2, U87-MG, Human fetal liver and HeLa lysates; U87-MG cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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 .

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR11542

Isotype IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab179448 in the following tested applications.

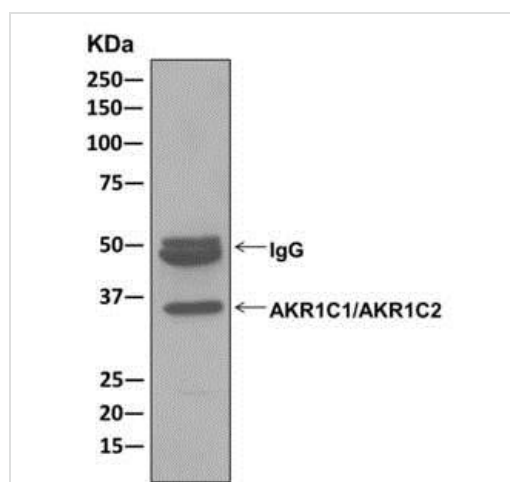
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
IP		1/10 - 1/100.

Application notes Is unsuitable for ICC/IF or IHC-P.

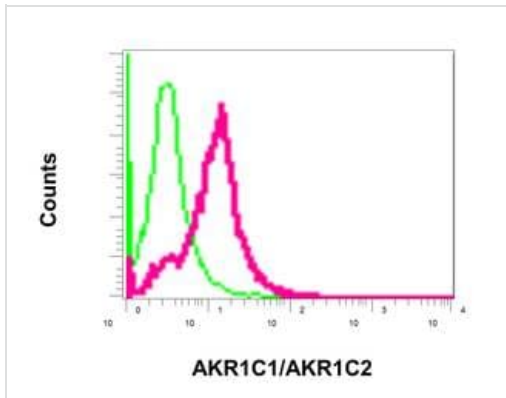
Target

Images



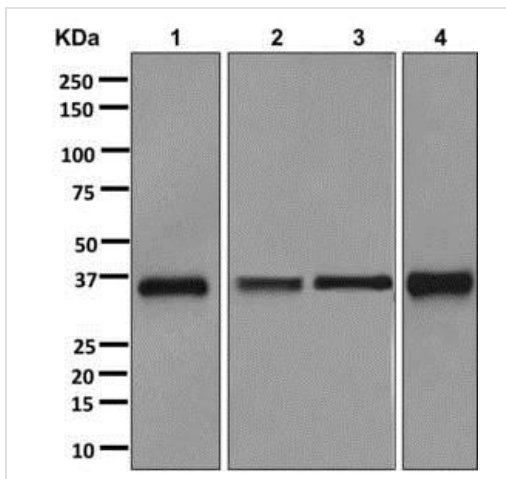
Western blot analysis on immunoprecipitation pellet from HepG2 cell lysate immunoprecipitated using ab179448 at 1/10 dilution.

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



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

Intracellular flow cytometric analysis of permeabilized U87-MG cells labeling AKR1C1/AKR1C2 with ab179448 at 1/10 dilution (red), compared to a 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

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-AKR1C1/AKR1C2 antibody [EPR11542]
(ab179448)

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

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