


Product datasheet

Anti-AKR1C1/AKR1C2 antibody [4B6AF3] (HRP)
 ab198411

1 Image

Overview

Product name	Anti-AKR1C1/AKR1C2 antibody [4B6AF3] (HRP)
Description	Mouse monoclonal [4B6AF3] to AKR1C1/AKR1C2 (HRP)
Host species	Mouse
Conjugation	HRP
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Cow 
Immunogen	Full length native protein (purified) corresponding to Human AKR1C1/AKR1C2.
Positive control	IHC-P: Normal human liver tissue.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

References

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% 10% Proclin 300 Solution Constituents: PBS, 30% Glycerol, 1% BSA
Purity	Affinity purified
Clonality	Monoclonal
Clone number	4B6AF3
Isotype	IgG2b

Applications

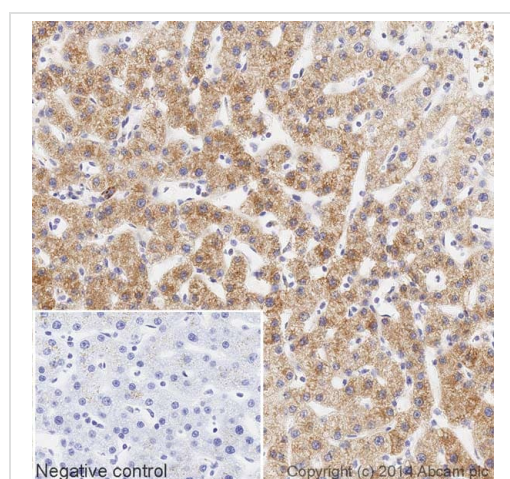
Our [Abpromise guarantee](#) covers the use of **ab198411** in the following tested applications.

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

Application	Abreviews	Notes
IHC-P		1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-AKR1C1/AKR1C2 antibody [4B6AF3] (HRP) (ab198411)

IHC image of AKR1C1/AKR1C2 staining in a section of formalin-fixed paraffin-embedded normal human liver*, performed on a Leica BOND. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab198411, 1/100 dilution, for 15 mins at room temperature. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

The inset negative control image is taken from an identical assay without primary antibody.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

*Tissue obtained from the Human Research Tissue Bank,

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