10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1313

Specification

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody - Product Information

Application	**WB, FC, ICC**
Primary Accession	Q04828/ P52895
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**Rabbit IgG**
Calculated MW	**Predicted, 37 kDa; Observed, 35 kDa KDa**
Gene Name	**AKR1C1/AKR1C2**
Aliases	**AKR1C1/2; Aldo-Keto Reductase Family 1 Member C1/2; DDH; DD1/2; HAKRC; MBAB; DDH1/2; Dihydrodiol Dehydrogenase 1/2; 20-Alpha (3-Alpha)-Hydroxysteroid Dehydrogenase; High-Affinity Hepatic Bile Acid-Binding Protein; Chlordecone Reductase Homolog HAKRC; Dihydrodiol Dehydrogenase 1/2; HBAB; Aldo-Keto Reductase Family 1, Member C1/2 (Dihydrodiol Dehydrogenase 1; 20-Alpha (3-Alpha)-Hydroxysteroid Dehydrogenase); Trans-1,2-Dihydrobenzene-1,2-Diol Dehydrogenase; Type II 3-Alpha-Hydroxysteroid Dehydrogenase; 20 Alpha-Hydroxysteroid Dehydrogenase; 20-Alpha-Hydroxysteroid Dehydrogenase; Hepatic Dihydrodiol Dehydrogenase; Dihydrodiol Dehydrogenase 1/2; Aldo-Keto Reductase C; Indanol Dehydrogenase; 20-ALPHA-HSD; 20-Alpha-HSD; EC 1.1.1.112; EC 1.1.1.209; EC 1.1.1.210; EC 1.1.1.357; EC 1.1.1.149; 2-ALPHA-HSD; EC 1.1.1.51; EC 1.1.1.53; EC 1.1.1.62; EC 1.3.1.20; EC 1.1.1.; EC 1.1.1; DD1/DD2; H-37; C9**
Immunogen	**A synthetic peptide of human AKR1C1 / AKR1C2**

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody - Additional Information

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody - Protein Information

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody - Protocols

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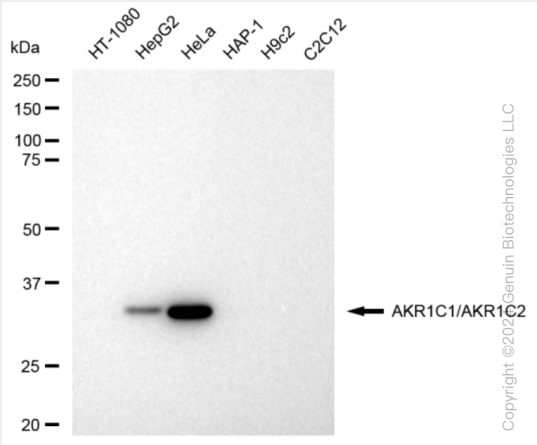
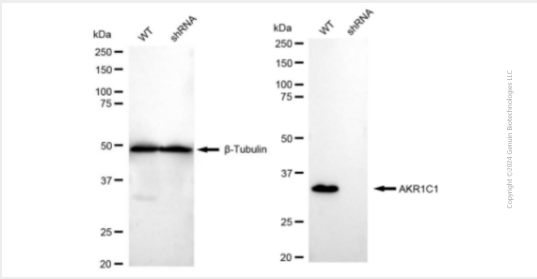
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KD-Validated Anti-AKR1C1/AKR1C2 Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-AKR1C1/AKR1C2 antibody (Cat#AGI1313). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AKR1C1/AKR1C2 antibody (Cat#AGI1313, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-AKR1C1 antibody (Cat#AGI1313). AKR1C1 expression in wild type (WT) and AKR1C1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-AKR1C1 antibody (Cat#AGI1313, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

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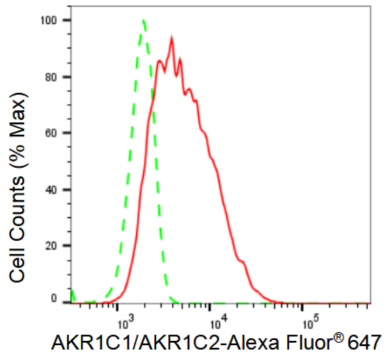
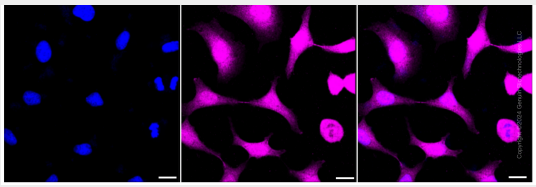


Flow cytometric analysis of AKR1C1/AKR1C2 expression in HeLa cells using AKR1C1/AKR1C2 antibody (Cat#AGI1313, 1:2,000). Green, isotype control; red, AKR1C1/AKR1C2.



Immunocytochemical staining of Hela cells with AKR1C1/AKR1C2 antibody (Cat#AGI1313, 1:1,000). Nuclei were stained blue with DAPI; AKR1C1/AKR1C2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.