

Product Datasheet

AKR1A1 Antibody (OTI6E3)

NBP2-02164

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-02164

AKR1A1 Antibody (OTI6E3)

Product Information

Unit Size	0.1 ml
Concentration	0.74 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI6E3
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	36.6 kDa

Product Description

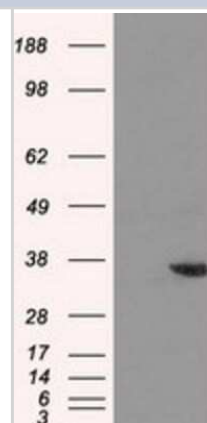
Host	Mouse
Gene ID	10327
Gene Symbol	AKR1A1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human AKR1A1 (NP_006057) produced in HEK293T cell.

Product Application Details

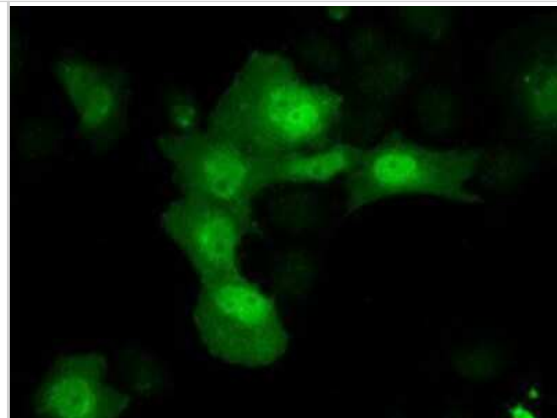
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

Images

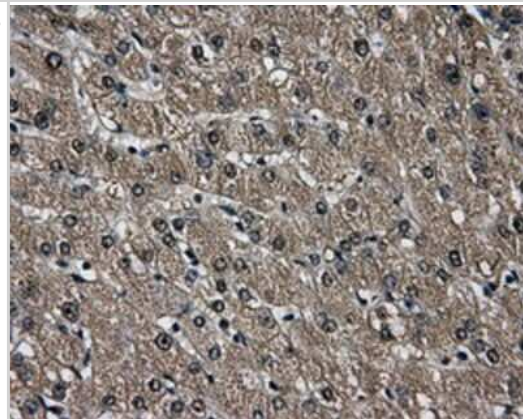
Western Blot: AKR1A1 Antibody (6E3) [NBP2-02164] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AKR1A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AKR1A1.



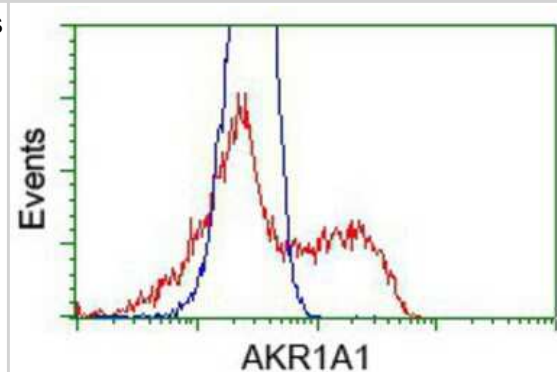
Immunocytochemistry/Immunofluorescence: AKR1A1 Antibody (6E3) [NBP2-02164] Staining of COS7 cells transiently transfected by pCMV6-ENTRY AKR1A1.



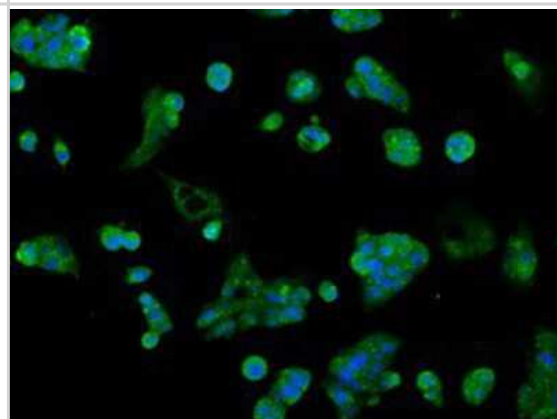
Immunohistochemistry-Paraffin: AKR1A1 Antibody (6E3) [NBP2-02164] - Staining of paraffin-embedded liver tissue using anti-AKR1A1 mouse monoclonal antibody.



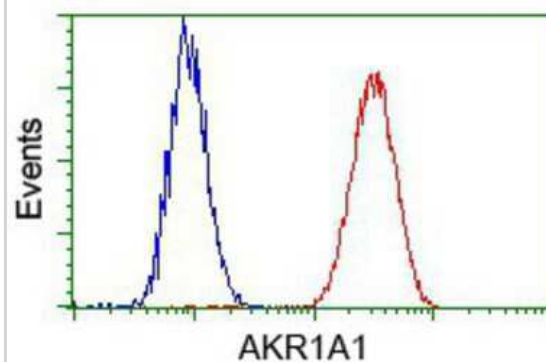
Flow Cytometry: AKR1A1 Antibody (6E3) [NBP2-02164] - HEK293T cells transfected with either pCMV6-ENTRY AKR1A1.(Red) or empty vector control plasmid (Blue) were immunostained with anti-AKR1A1 mouse monoclonal, and then analyzed by flow cytometry.



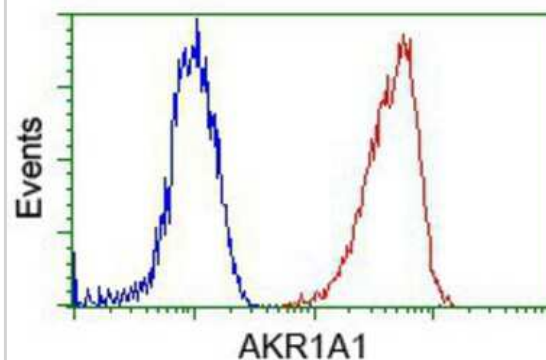
Immunocytochemistry/Immunofluorescence: AKR1A1 Antibody (6E3) [NBP2-02164] - Immunofluorescent staining of HepG2 cells using anti-AKR1A1 mouse monoclonal antibody.



Flow Cytometry: AKR1A1 Antibody (6E3) [NBP2-02164] - Analysis of Hela cells, using anti-AKR1A1 antibody, (Red) compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: AKR1A1 Antibody (6E3) [NBP2-02164] - Analysis of Jurkat cells, using anti-AKR1A1 antibody, (Red) compared to a nonspecific negative control antibody (Blue).





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Products Related to NBP2-02164

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP1-30170	Recombinant Human AKR1A1 Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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