

Product Datasheet

AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free NBP2-79930

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-79930

AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CPTC-AKR1B1-3
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	37 kDa

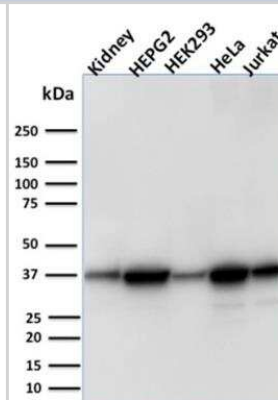
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79796). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	231
Gene Symbol	AKR1B1
Species	Human
Marker	Adrenal Marker
Immunogen	Recombinant human full-length AKR1B1 protein (Uniprot: P15121)

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1-2 ug/ml, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

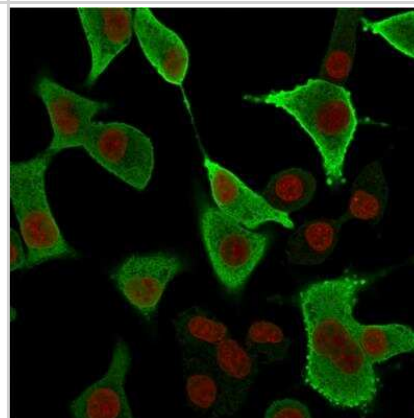


Images

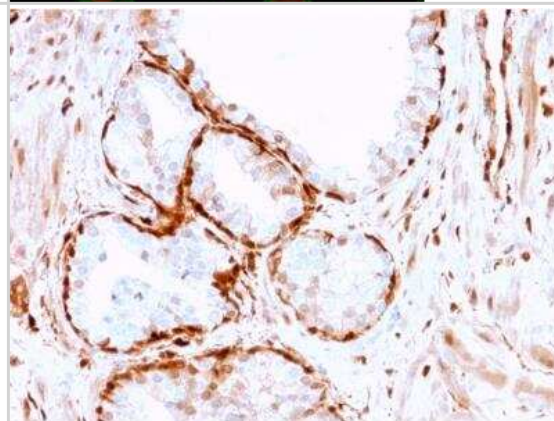
Western Blot: AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free [NBP2-79930] - Western Blot Analysis of Human Kidney tissue, Human HepG2, HEK293, HeLa and Jurkat cell lysate using AKR1B1 Mouse Monoclonal Antibody (CPTC-AKR1B1-3).



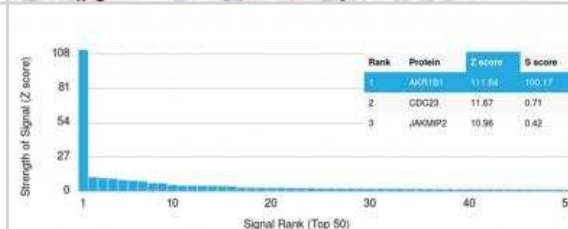
Immunocytochemistry/Immunofluorescence: AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free [NBP2-79930] - Immunofluorescence Analysis of A549 cells labeling AKR1B1 with AKR1B1 Mouse Monoclonal Antibody (CPTC-AKR1B1-3) followed by Goat anti-Mouse IgG-CF488 (Green). The nuclear counterstain is Redot (Red).



Immunohistochemistry-Paraffin: AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free [NBP2-79930] - Formalin-fixed, paraffin-embedded human Prostate Tumor stained with AKR1B1 Mouse Monoclonal Antibody (CPTC-AKR1B1-3).



Protein Array: AKR1B1 Antibody (CPTC-AKR1B1-3) - Azide and BSA Free [NBP2-79930] - Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.





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Products Related to NBP2-79930

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-22925	Recombinant Human AKR1B1 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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