

Product Datasheet

AKR1B1 Antibody (109) - Azide and BSA Free NBP2-89882-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-89882-100ul

AKR1B1 Antibody (109) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	109
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

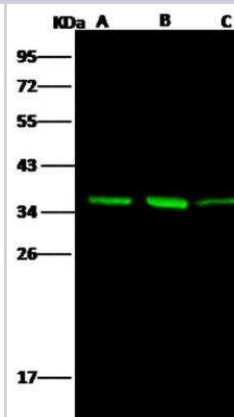
Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Gene ID	231
Gene Symbol	AKR1B1
Species	Human
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Human AKR1B1 (Uniprot#: P15121; Met1-Phe316).

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:10000, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 0.2-1 uL/mg of lysate

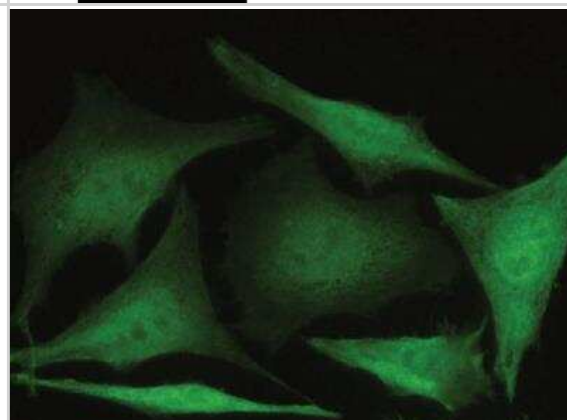


Images

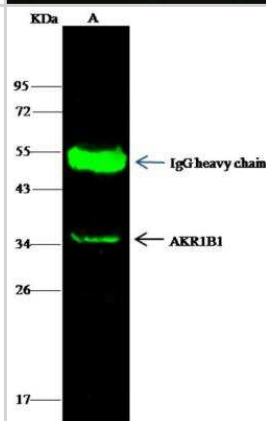
Western Blot: AKR1B1 Antibody (109) [NBP2-89882] - Lane A: Jurkat Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size:35 kDa Observed band size:37 kDa



Immunocytochemistry/Immunofluorescence: AKR1B1 Antibody (109) [NBP2-89882] - Staining of Human AKR1B1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human AKR1B1 monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor(R) 488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to cytoplasm and nucleus.



Immunoprecipitation: AKR1B1 Antibody (109) [NBP2-89882] - Lane A:0.5 mg Jurkat Whole Cell Lysate 0.5 uL anti-AKR1B1 rabbit monoclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-AKR1B1 rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odyssey technique. Performed under reducing conditions. Predicted band size: 35 kDa Observed band size: 35 kDa





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Products Related to NBP2-89882-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-51989-0.1mg	Recombinant Mouse AKR1B1 His 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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