

KD-Validated Anti-AKR1B1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

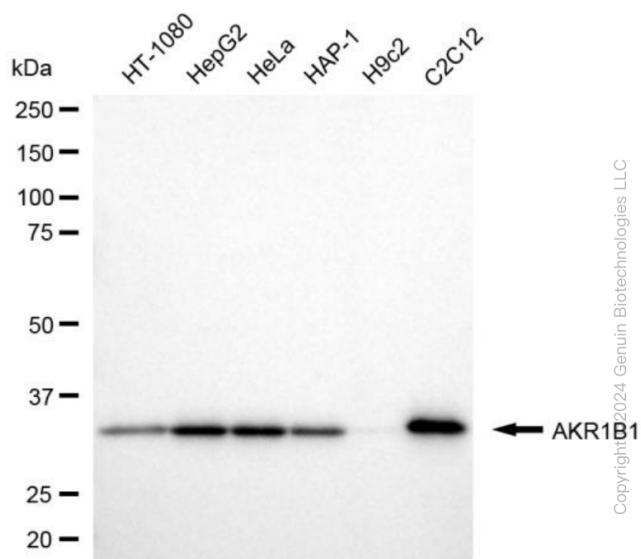
ABG1973

Product Overview

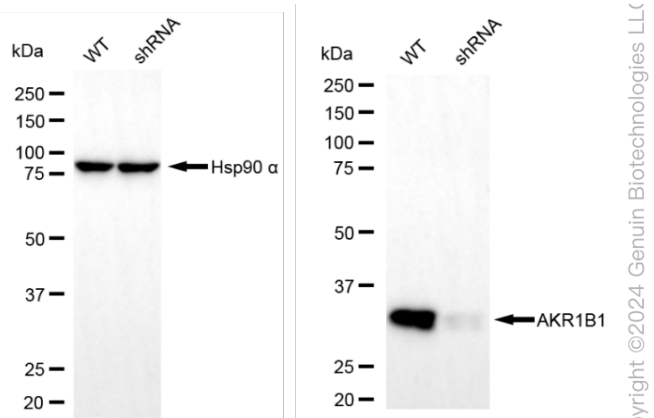
Name	KD-Validated Anti-AKR1B1 Mouse Monoclonal Antibody
Accession(Primary)	P15121
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human AKR1B1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 36 kDa, observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000

Target information (P15121)

Gene Name	AKR1B1
About Gene Symbol	AKR1B1 (Aldo-Keto Reductase Family 1 Member B) is a metabolic enzyme involved in adaptive immunity. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-AKR1B1 antibody (Cat#ABG1973). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-AKR1B1 antibody (Cat#ABG1973, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-AKR1B1 antibody (Cat#ABG1973). AKR1B1 expression in wild-type (WT) and AKR1B1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-AKR1B1 antibody (Cat#ABG1973, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.