9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Argininosuccinate Lyase Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1949

Product Overview

Name	KD-Validated Anti-Argininosuccinate Lyase Mouse Monoclonal Antibody
Accession(Primary)	P04424
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human ASL
Species Reactivity	Human
Calculated MW	Predicted, 52 kDa, observed, 45 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,500-1:5,000

Target information (P04424)

Gene Name	ASL
About Gene Symbol	ASL (Argininosuccinate Lyase) is a metabolic enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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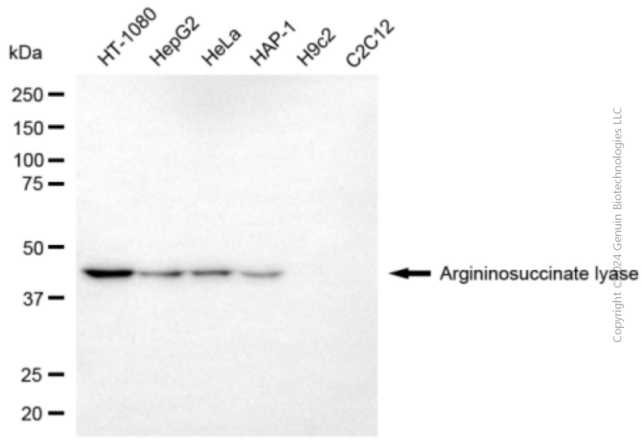
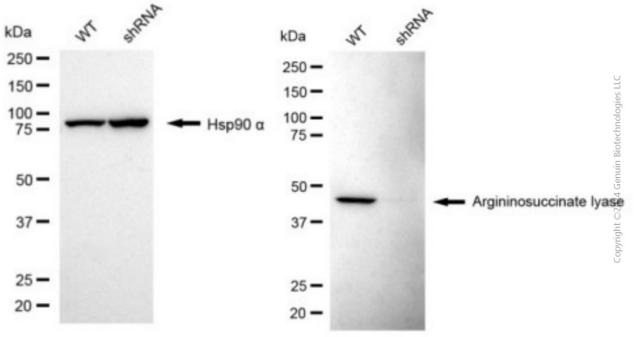


Western blotting analysis using anti-argininosuccinate lyase antibody (Cat#ABG1949). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-argininosuccinate lyase antibody (Cat#ABG1949, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-argininosuccinate lyase antibody (Cat#ABG1949). Argininosuccinate lyase expression in wild type (WT) and argininosuccinate lyase (ASL) 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-argininosuccinate lyase antibody (Cat#ABG1949, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.