



ASL mouse mAb

Catalog No	YP-mAb-18012
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ASL
Immunogen	Synthesized peptide derived from human ASL
Specificity	This antibody detects endogenous levels of ASL at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	argininosuccinate lyase;Arginosuccinase;ASAL;ASL;Argininosuccinate lyase (ASAL) (EC 4.3.2.1) (Arginosuccinase)
Observed Band	49 kDa
Calculated Molecular Weight	55 kDa
Cell Pathway	
Tissue Specificity	
Function	Catalyzes the reversible cleavage of L-argininosuccinate to fumarate and L-arginine, an intermediate step reaction in the urea cycle mostly providing for hepatic nitrogen detoxification into excretable urea as well as de novo L-arginine synthesis in nonhepatic tissues . Essential regulator of intracellular and extracellular L-arginine pools. As part of citrulline-nitric oxide cycle, forms tissue-specific multiprotein complexes with argininosuccinate synthase ASS1, transport protein SLC7A1 and nitric oxide synthase NOS1, NOS2 or NOS3, allowing for cell-autonomous L-arginine synthesis while channeling extracellular L-arginine to nitric oxide synthesis pathway .
Background	



matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

