

KD-Validated Anti-Adenylosuccinate Lyase Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI1110

Product Information

Application	WB, FC
Primary Accession	P30566
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	25GB595
Calculated MW	54889
Gene Name	ADSL
Aliases	ADSL; Adenylosuccinate Lyase; Adenylosuccinase; EC 4.3.2.2; AMPS; ASL; EC 4.3.2; ASASE; ASase
Immunogen	Recombinant protein of human ADSL

Additional Information

Gene ID	158
Other Names	Adenylosuccinate lyase, ADSL, ASL, 4.3.2.2, Adenylosuccinase, ASase, ADSL, AMPS

Protein Information

Name	ADSL
Synonyms	AMPS
Function	Catalyzes two non-sequential steps in de novo AMP synthesis: converts (S)-2-(5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamido)succinate (SAICAR) to fumarate plus 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamide, and thereby also contributes to de novo IMP synthesis, and converts succinyladenosine monophosphate (SAMP) to AMP and fumarate.
Tissue Location	Ubiquitously expressed. Both isoforms are produced by all tissues. Isoform 2 is 10-fold less abundant than isoform 1

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.