

KD-Validated Anti-PAICS Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI2076

Product Information

Application	WB
Primary Accession	P22234
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b
Clone Names	24GB13205
Calculated MW	47079
Gene Name	PAICS
Aliases	PAICS; Phosphoribosylaminoimidazole Carboxylase And Phosphoribosylaminoimidazolesuccinocarboxamide Synthase; ADE2H1; PAIS; Bifunctional Phosphoribosylaminoimidazole Carboxylase/Phosphoribosylaminoimidazole Succinocarboxamide Synthetase; Phosphoribosylaminoimidazole Carboxylase, Phosphoribosylaminoimidazole Succinocarboxamide Synthetase; ADE2; Phosphoribosylaminoimidazole Carboxylase; Phosphoribosylaminoimidazolesuccinocarboxamide Synthase; Multifunctional Protein ADE2H1; Multifunctional Protein ADE2; SAICAR Synthetase; AIR Carboxylase; PAICSD
Immunogen	Recombinant protein of human PAICS

Additional Information

Gene ID	10606
Other Names	Bifunctional phosphoribosylaminoimidazole carboxylase/phosphoribosylaminoimidazole succinocarboxamide synthetase, PAICS, Phosphoribosylaminoimidazole carboxylase, 4.1.1.21, AIR carboxylase, AIRC, Phosphoribosylaminoimidazole succinocarboxamide synthetase, 6.3.2.6, SAICAR synthetase, PAICS (HGNC:8587)

Protein Information

Name	PAICS (HGNC:8587)
Function	Bifunctional phosphoribosylaminoimidazole carboxylase and phosphoribosylaminoimidazole succinocarboxamide synthetase catalyzing two reactions of the de novo purine biosynthetic pathway.

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