

Product datasheet

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ARG42713 anti-AdSS 2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes AdSS 2

Tested Reactivity Hu, Ms, Rat

Tested Application FACS, ICC/IF, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name AdSS 2

Species Human

Immunogen Recombinant protein of Human AdSS 2.

Conjugation Un-conjugated

Alternate Names IMP--aspartate ligase 2; Adenylosuccinate synthetase, acidic isozyme; EC 6.3.4.4; Adenylosuccinate

synthetase, liver isozyme; Adenylosuccinate synthetase isozyme 2; ADSS 2; L-type adenylosuccinate

synthetase; AMPSase 2; ADEH; AdSS 2

Application Instructions

Application table	Application	Dilution
	FACS	1:20
	ICC/IF	1:20
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form Liquid

Purification Affinity purified.

Buffer 50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.

Preservative 0.01% Sodium azide

Stabilizer 40% Glycerol and 0.05% BSA

Concentration Batch dependent

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol ADSS

Gene Full Name adenylosuccinate synthase

Background This gene encodes the enzyme adenylosuccinate synthetase which catalyzes the first committed step in

the conversion of inosine monophosphate to adenosine monophosphate. A pseudogene of this gene is

found on chromosome 17. [provided by RefSeq, Nov 2010]

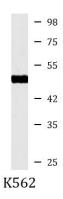
Function Plays an important role in the de novo pathway and in the salvage pathway of purine nucleotide

biosynthesis. Catalyzes the first committed step in the biosynthesis of AMP from IMP. [UniProt]

Calculated Mw 50 kDa

Cellular Localization Cytoplasm. Note=Partially associated with particulate fractions. [UniProt]

Images



ARG42713 anti-AdSS 2 antibody WB image

Western blot: K562 cell lysate stained with ARG42713 anti-AdSS 2 antibody at 1:1000 dilution.