

Datasheet for ABIN1105454

anti-ASS1 antibody

5 Images

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Overview

Quantity:	0.1 mg
Target:	ASS1
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ASS1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Clone:	2B10
Isotype:	IgG1
Specificity:	Recognizes ASS1
Cross-Reactivity (Details):	Species reactivity (tested): Human, Mouse, Rat, Monkey.
Purification:	Purified

Target Details

Target:	ASS1
Alternative Name:	ASS1 (ASS1 Products)
Background:	The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic

Target Details

pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of ASS cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene. Synonyms: Argininosuccinate synthase, Citrulline-aspartate ligase

Molecular Weight: 47 kDa

Gene ID: 445

Pathways: [Response to Growth Hormone Stimulus](#), [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

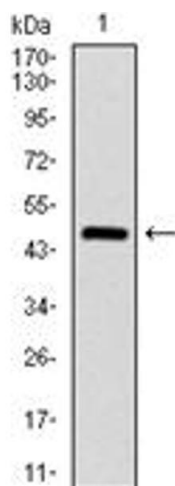
Concentration: 1.0 mg/mL

Buffer: PBS, 0.05 % Sodium Azide, 0.5 % protein stabilizer

Preservative: Sodium azide

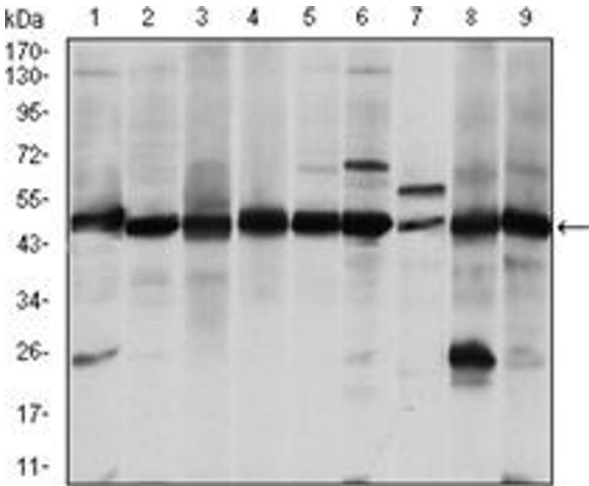
Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Images



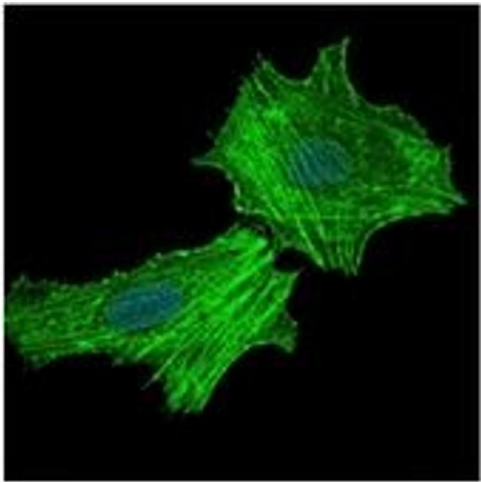
Western Blotting

Image 1.



Western Blotting

Image 2.



Immunofluorescence

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1105454.