

Datasheet for ABIN1845465

**anti-ASS1 antibody****8** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	ASS1
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ASS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)

## Product Details

Immunogen:	Purified recombinant fragment of human ASS1 expressed in E. Coli.
Isotype:	IgG1
Purification:	Purified antibody

## Target Details

Target:	ASS1
Alternative Name:	ASS1 ( <a href="#">ASS1 Products</a> )
Background:	The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic 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

## Target Details

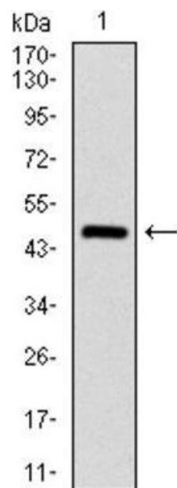
	9 copy of ASS cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.
Molecular Weight:	47 kDa
Gene ID:	445
UniProt:	<a href="#">P00966</a>
Pathways:	<a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

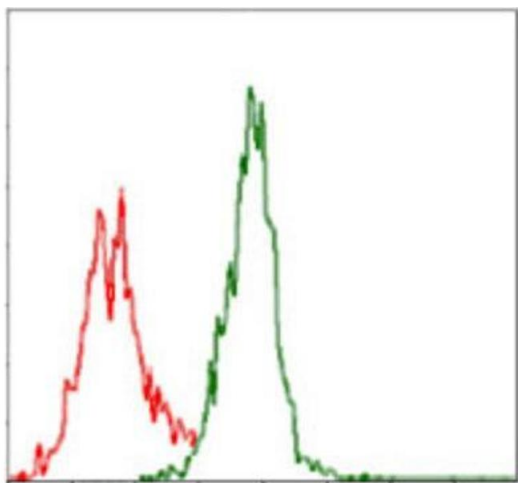
## Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 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.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



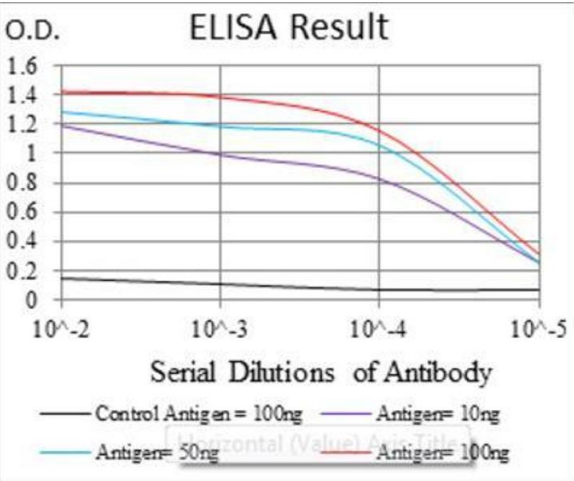
Western Blotting

Image 1.



Flow Cytometry

Image 2.



ELISA

Image 3. Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN1845465.