

Anti-ASS1 Antibody Picoband™ (monoclonal, 5I5)

Clone no. 5I5

MONOSAN

Product name	Anti-ASS1 Antibody Picoband™ (monoclonal, 5I5)
Host	Mouse
Applications	WB,IHC,ICC,IF,FC
Species reactivity	Human,Mouse,Rat,Monkey
Conjugate	-
Immunogen	E.coli-derived human ASS1 recombinant protein (Position: S3-S365).
Isotype	IgG2a
Clonality	Monoclonal
Clone number	5I5
Size	100µg
Concentration	Adding 0.2 ml of distilled water =f 500 µg/ml.
Format	Lyophilized
Storage buffer	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Anti-ASS1 Antibody Picoband™ (monoclonal, 5I5)

Clone no. 5I5

MONOSAN

Additional info

Store at -20 °C for one year from date of receipt. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for six months. Avoid repeated freeze-thaw cycles. Add 0.2ml of distilled water will yield a concentration of 500ug/ml. Background: Argininosuccinate synthetase is an enzyme that in humans is encoded by the ASS1 gene. It is mapped to 9q34.11. 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 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene. Subcellular Localization: Tissue Specificity:

References	1.	-
	2.	-
	3.	-
	4.	-
	5.	-

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES