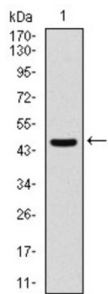
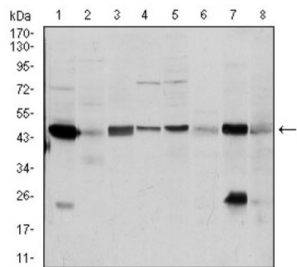


Argininosuccinate Synthase 1 (ASS1) Antibody

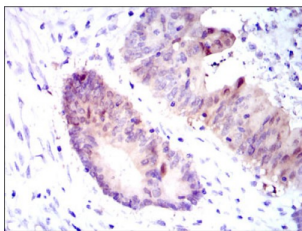
Catalogue No.:abx015772



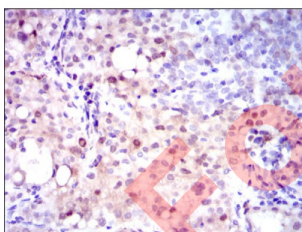
Western blot analysis using ASS1 antibody against human ASS1 (AA: 40-236) recombinant protein. (Expected MW is 47 kDa).



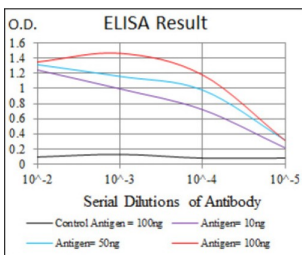
Western blot analysis using ASS1 antibody against A431 (1), RAJI (2), MOLT4 (3), Jurkat (4), A549 (5), NIH/3T3 (6), PC-12 (7) and Cos7 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ASS1 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded colon cancer tissues using ASS1 antibody with DAB staining.



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

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 ASS cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene.

Target:	Argininosuccinate Synthase 1 (ASS1)
Clonality:	Monoclonal
Reactivity:	Human, Mouse, Monkey
Tested Applications:	ELISA, WB, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human ASS1 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
GeneID:	445
Molecular Weight:	47 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.