

## Mouse Monoclonal Antibody to ASS1

Catalogue Number	sAP-0668
Target Molecule	<b>Name:</b> ASS1 <b>Aliases:</b> ASS; CTLN1 <b>MW:</b> 47kDa <b>Entrez Gene ID:</b> 445
Description	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.
Immunogen	Purified recombinant fragment of human ASS1 expressed in E. Coli. ;
Reactive Species	Human; Mouse; Rat; Monkey
Clone	MM2B10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Int J Cancer. 2009 Sep 15;125(6):1454-63. ; 2. Clin Biochem. 2009 Jul;42(10-11):1166-8. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**