



ASS1 mouse mAb

Catalog No	YP-mAb-18014
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ASS1 ASS
Protein Name	Argininosuccinate synthase (EC 6.3.4.5) (Citrulline--aspartate ligase)
Immunogen	Synthesized peptide derived from human ASS1
Specificity	This antibody detects endogenous levels of ASS1 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	45kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Expressed in adult liver.
Function	One of the enzymes of the urea cycle, the metabolic pathway transforming neurotoxic amonia produced by protein catabolism into innocuous urea in the liver of ureotelic animals. Catalyzes the formation of arginosuccinate from aspartate, citrulline and ATP and together with ASL it is responsible for the biosynthesis of arginine in most body tissues.
Background	
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



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