



RNase 1 mouse mAb

Catalog No	YP-mAb-17871
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	RNASE1
Protein Name	
Immunogen	Fusion protein of human RNASE1
Specificity	
Formulation	
Source	
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	RAC1; RIB1; RNS1
Observed Band	Calculated MW: 18 kDa; Observed MW: 18 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	This gene encodes a member of the pancreatic-type of secretory ribonucleases, a subset of the ribonuclease A superfamily. The encoded endonuclease cleaves internal phosphodiester RNA bonds on the 3'-side of pyrimidine bases. It prefers poly(C) as a substrate and hydrolyzes 2',3'-cyclic nucleotides, with a pH optimum near 8.0. The encoded protein is monomeric and more commonly acts to degrade ds-RNA over ss-RNA. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.
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.



Products Images