



RNase 1 mouse mAb

Catalog No	YP-mAb-17871
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	RNASE1
Alternative Names	RAC1; RIB1; RNS1
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Host	mouse
Molecular Weight	Calculated MW: 18 kDa; Observed MW: 18 kDa
Clonality	Monoclonal Antibody
Clonality No.	-
Dilution	WB: 1/500-1/1000
Immunogen	Fusion protein of human RNASE1
Purification	Affinity Purified
Conjugation	Unconjugated
Modification	Unmodified
Form	Liquid
Buffer System	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1 mg/ml
Purity	≥90%
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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

