

Cat. No:	MABN21230
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG,Kappa
Immunogen:	A synthetic peptide of human UPB1
Reactivity:	Human
Applications:	WB 1:1000-1:5000,IHC 1:100-1:300,IP 1:50-1:100
Molecular Weight:	Calculated MW:;Observed MW:42kD
Purification:	Protein A
Synonyms:	UPB1;BUP1;Beta-ureidopropionase ;BUP-1;Beta-alanine synthase;N-carbamoyl-beta-alanine amidohydrolase;
Background:	Cell localization:Cytoplasm..This gene encodes a protein that belongs to the CN hydrolase family. Beta-ureidopropionase catalyzes the last step in the pyrimidine degradation pathway. The pyrimidine bases uracil and thymine are degraded via the consecutive action of dihydropyrimidine dehydrogenase (DHPDH), dihydropyrimidinase (DHP) and beta-ureidopropionase (UP) to beta-alanine and beta-aminoisobutyric acid, respectively. UP deficiencies are associated with N-carbamyl-beta-amino aciduria and may lead to abnormalities in neurological activity. [provided by RefSeq, Jul 2008]
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

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