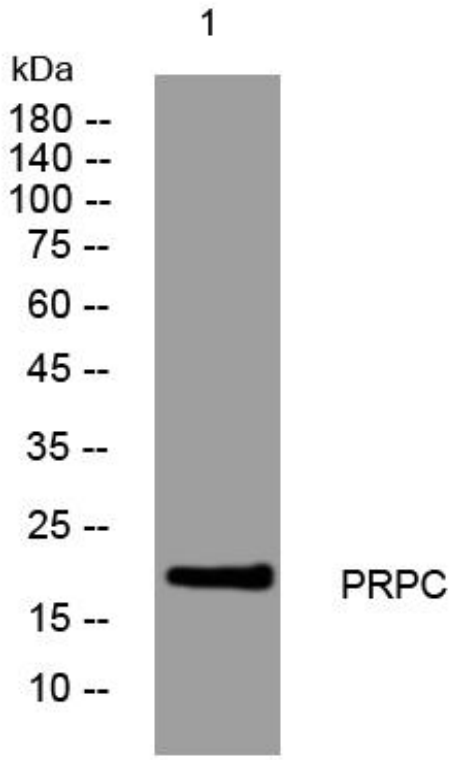
PRPC mouse mAb

Catalog No	BYmab-09105
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PRH1; PRH2
Protein Name	PRPC
Immunogen	Synthesized peptide derived from human PRPC AA range: 81-131
Specificity	This antibody detects endogenous levels of PRPC at Human
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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Secreted.
Tissue Specificity	
Function	function:PRP's act as highly potent inhibitors of crystal growth of calcium phosphates. They provide a protective and reparative environment for dental enamel which is important for the integrity of the teeth.,online information:The Singapore human mutation and polymorphism database,polymorphism:Sequence shown is that of allele PRH2-2, also known as PR-2; Allele PRH2-1 is also known as PR-1 or protein C, and allele PRH2-3 as PR-1'. The PRH1-DB allele (about 16% of the population) has an insertion of 21 repeated amino-acids compared to the more frequent PRH1-PIF allele (68%). In contrast to all other PRH1 and PRH2 alleles, the PRH1-PA allele (16%) is not proteolytically cleaved.,PTM:An hexuronic acid was shown to be linked to Ser-33 in about 40% of the polypeptides. Neither the structure of the carbohydrate (whether glucuronic acid or an isomer of), nor the linkage (whether a glycoside or

Background	This gene encodes a member of the heterogeneous family of proline-rich salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature isoforms before secretion from the parotid and submandibular/sublingual glands. Multiple distinct alleles of this locus including the parotid isoelectric-focusing variant slow (PIF-s), the parotid acidic protein (Pa), and the double band slow (Db-s) isoforms have been characterized. The reference genome encodes the Db-s allele. Certain alleles of this gene are associated with susceptibility to dental caries. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12. Co-transcription of this gene with adjacent genes has been observed. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015],
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



Western Blot analysis of various cells using PRPC mouse mAb