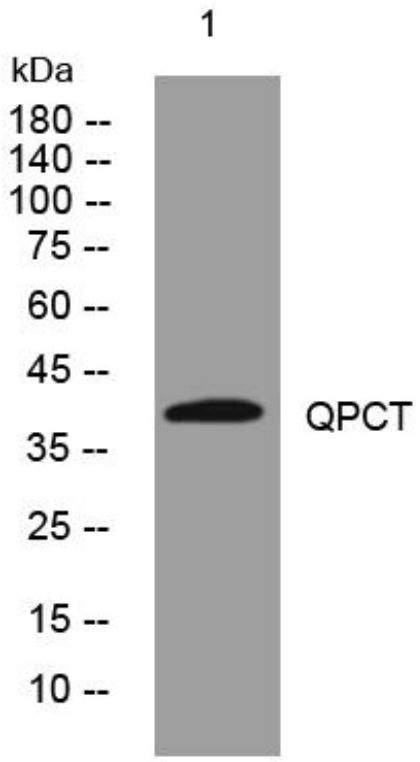
QPCT mouse mAb

Catalog No	BYmab-11932
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	QPCT
Protein Name	QPCT
Immunogen	Synthesized peptide derived from human QPCT AA range: 233-283
Specificity	This antibody detects endogenous levels of QPCT at Human/Mouse
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	40kD
Cell Pathway	Secreted .
Tissue Specificity	
Function	catalytic activity:L-glutaminyl-peptide = 5-oxoprolyl-peptide + NH(3).,cofactor:Binds 1 zinc ion per subunit.,function:Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminyl residue and a lack of importance of chain length after the second residue. Also catalyzes N-terminal pyroglutamate formation. In vitro, catalyzes pyroglutamate formation of N-terminally truncated form of APP amyloid-beta peptides [Glu-3]-beta-amyloid. May be involved in the N-terminal pyroglutamate formation of several amyloid-related plaque-forming peptides.,similarity:Belongs to the glutaminyl-peptide cyclotransferase family.,
Background	This gene encodes human pituitary glutaminyl cyclase, which is responsible for the presence of pyroglutamyl residues in many neuroendocrine peptides. The

	amino acid sequence of this enzyme is 86% identical to that of bovine glutaminyl cyclase. [provided by RefSeq, Jul 2008],
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 QPCT mouse mAb