



# PZR (phospho-Tyr263) mouse mAb

Catalog No	BYmab-10395
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MPZL1 PZR UNQ849/PRO1787
Protein Name	PZR (Tyr263)
Immunogen	Synthesized phosho peptide around human PZR (Tyr263)
Specificity	This antibody detects endogenous levels of Human Mouse Rat PZR (phospho-Tyr263)
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	Myelin protein zero-like protein 1 (Protein zero-related)
Observed Band	30kD
Cell Pathway	Membrane ; Single-pass type I membrane protein .
Tissue Specificity	Widely expressed with highest levels in heart, placenta, kidney and pancreas. Isoform 3 is relatively abundant in hematopoietic tissues and fetal liver. Isoform 1 and isoform 3 are expressed in CD14- PB monocytes and pre-B cell progenitors. Isoform 3 appears to be the major isoform in CD34- promyelocytic and promonocytic cells. During differentiation in monocytic cells, the expression level of isoform 3 decreases and that of isoform 1 increases. Isoform 1 is prominent in stromal cells and, to a lesser extent, in umbilical vein endothelial cells and erythroid progenitors. Isoform 2 is expressed in a erythroid progenitor cell line.
Function	domain:Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function:Cell surface receptor, which is involved in signal transduction processes. Recruits

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PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. Is a major receptor for concanavalin A (ConA) and is involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases. Isoform 3 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2 and isoform 3, may be involved in regulation of integrin-mediated cell motility.,PTM:N-glycosylated.,PTM:Phosphorylated on tyrosine residues up

## Background

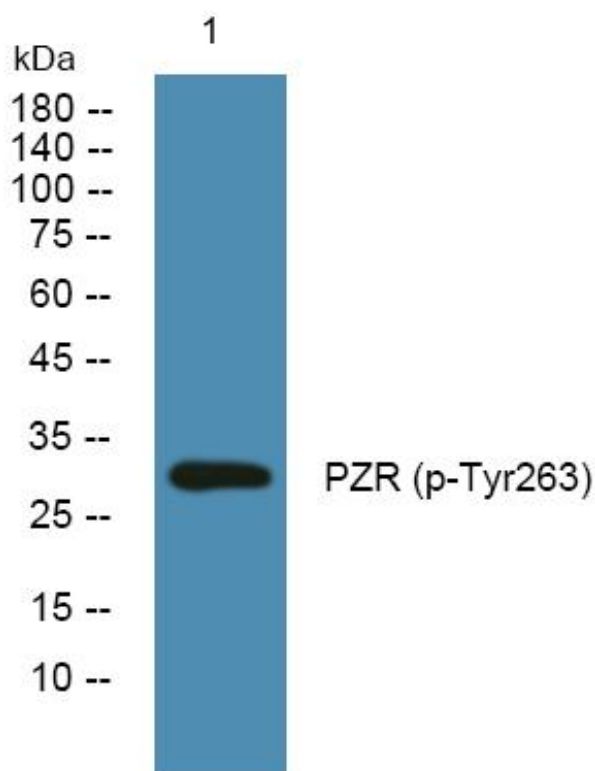
## matters needing attention

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 PZR (phospho-Tyr263) mouse mAb