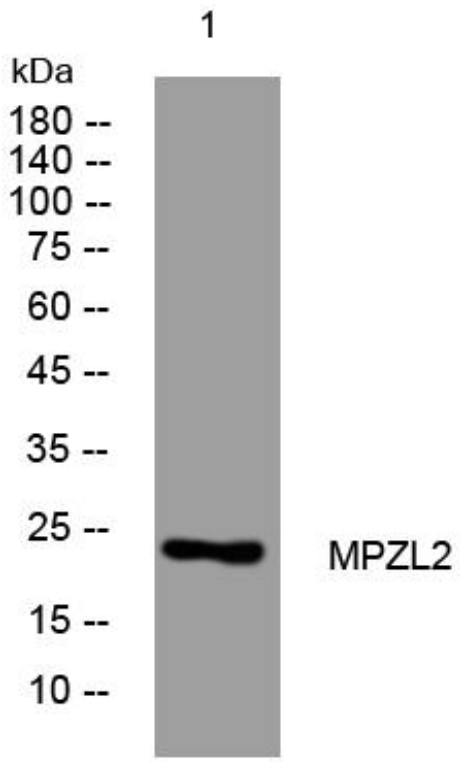
MPZL2 mouse mAb

Catalog No	BYmab-11866
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	MPZL2 EVA EVA1 UNQ606/PRO1192
Protein Name	MPZL2
Immunogen	Synthesized peptide derived from human MPZL2 AA range: 144-194
Specificity	This antibody detects endogenous levels of MPZL2 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	
Cell Pathway	Membrane ; Single-pass type I membrane protein .
Tissue Specificity	Widely expressed. In fetal tissues, highest expression in the inner ear. In adult tissues, highest levels in thymus and lung.
Function	function:Mediates homophilic cell-cell adhesion.,similarity:Belongs to the myelin P0 protein family.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,tissue specificity:Expressed in thymocytes and thymic stromal cells; expression elevated in some T-cell leukemias.,
Background	Thymus development depends on a complex series of interactions between thymocytes and the stromal component of the organ. Epithelial V-like antigen (EVA) is expressed in thymus epithelium and strongly downregulated by thymocyte developmental progression. This gene is expressed in the thymus and in several epithelial structures early in embryogenesis. It is highly homologous to the myelin protein zero and, in thymus-derived epithelial cell lines, is poorly soluble in nonionic detergents, strongly suggesting an association to the

	cytoskeleton. Its capacity to mediate cell adhesion through a homophilic interaction and its selective regulation by T cell maturation might imply the participation of EVA in the earliest phases of thymus organogenesis. The protein bears a characteristic V-type domain and two potential N-glycosylation sites in the extracellular domain; a putative serine phosphorylation site for casein kinase 2 is also present in the cytoplasmic tail. Two transcript variants encoding the same protein have been found for this gene. [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 MPZL2 mouse mAb