



PIM3 mouse mAb

Catalog No	YP-mAb-12350
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PIM3
Immunogen	Synthesized peptide derived from human PIM3 AA range: 102-152
Specificity	This antibody detects endogenous levels of PIM3 at Human/Mouse/Rat
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 serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	pim 3;pim 3 oncogene;PIM3
Calculated Molecular Weight	36kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Detected in various tissues, including the heart, brain, lung, kidney, spleen, placenta, skeletal muscle, and peripheral blood leukocytes. Not found or barely expressed in the normal adult endoderm-derived organs such as colon, thymus, liver, or small intestine. However, expression is augmented in premalignant and malignant lesions of these organs.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:May be involved in cell cycle progression and anti-apoptosis process. Implicated in proliferation of human hepatoma cell lines.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PIM subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Widely expressed. No expression in colon, thymus, and small intestine. Expressed in human hepatoma cell lines but not in normal liver tissues.,
Background	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is overexpressed in hematological and epithelial tumors and is associated with MYC coexpression. It plays a role in the



regulation of signal transduction cascades, contributing to both cell proliferation and survival, and provides a selective advantage in tumorigenesis. [provided by RefSeq, Jun 2012],

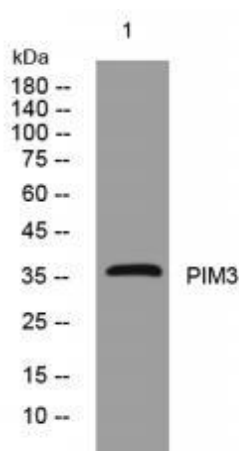
matters needing attention

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 PIM3 mouse mAb