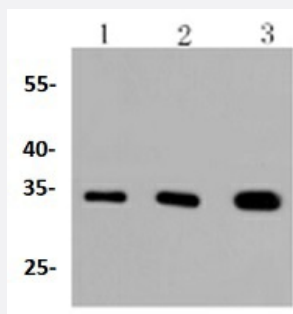


RecomAb™

PIM1 recombinant monoclonal antibody

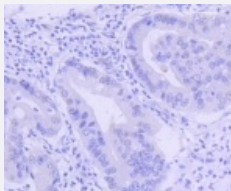
Catalog # RAB02771 Size 100 uL

Applications



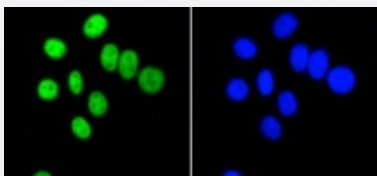
Western Blot (Cell lysate)

Western blot analysis of Lane1:BT-20 whole cell lysate Lane2:HepG2 whole cell lysate Lane3:SW480 whole cell lysate with PIM1 recombinant monoclonal antibody (Cat # RAB02771) at 1:1000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue using PIM1 recombinant monoclonal antibody (Cat # RAB02771).Counter stained with hematoxylin.



Immunocytochemistry

Immunocytochemical staining of BT-20 cells using PIM1 recombinant monoclonal antibody (Cat # RAB02771)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against PIM1.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant PIM1.
Theoretical MW (kDa)	45
Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of PIM1 and does not cross-react with related proteins.
Form	Liquid
Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Western blot analysis of Lane1:BT-20 whole cell lysate Lane2:HepG2 whole cell lysate Lane3:SW480 whole cell lysate with PIM1 recombinant monoclonal antibody (Cat # RAB02771) at 1:1000 dilution.

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- Immunocytochemistry

Immunocytochemical staining of BT-20 cells using PIM1 recombinant monoclonal antibody (Cat # RAB02771)(green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton *100/PBS.

- Immunofluorescence

Gene Info — PIM1

Entrez GeneID	5292
Protein Accession#	P11309
Gene Name	PIM1
Gene Alias	PIM
Gene Description	pim-1 oncogene
Omim ID	164960
Gene Ontology	Hyperlink
Gene Summary	The protooncogene PIM1 encodes a protein kinase upregulated in prostate cancer (Dhanasekar an et al., 2001 [PubMed 11518967]).[supplied by OMIM]
Other Designations	OTTHUMP00000018046 Oncogene PIM1 non-specific serine/threonine protein kinase pim-1 kinase 44 kDa isoform pim-1 oncogene (proviral integration site 1)

Pathway

- [Acute myeloid leukemia](#)
- [Jak-STAT signaling pathway](#)

Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)

- [Occupational Diseases](#)
- [Prostate cancer](#)
- [Pulmonary Disease](#)
- [Translocation](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)