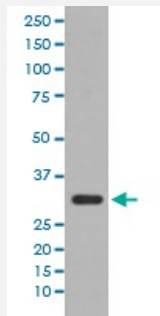


PIM1 monoclonal antibody, clone ECB-16

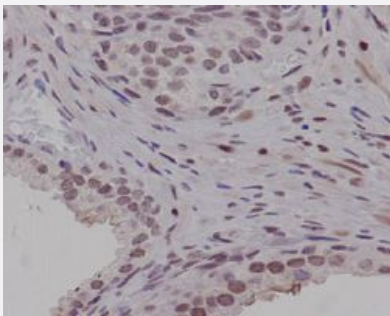
Catalog # MAB20595 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate using PIM1 monoclonal antibody, clone ECB-16.



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

Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma using PIM1 monoclonal antibody, clone ECB-16.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PIM1.
Immunogen	A synthetic peptide corresponding to human PIM1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Jurkat cell lysate using PIM1 monoclonal antibody, clone ECB-16.

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

Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma using PIM1 monoclonal antibody, clone ECB-16.

- Immunocytochemistry

- 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 (Dhanasekaran 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](#)