

anti-Human, Mouse PIM1 Monoclonal Antibody | anti-PIM1 antibody

PIM1 Rabbit mAb

CATALOG # AAA314494	HOST Recombinant Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PIM1; Monoclonal Antibody; PIM1 Rabbit mAb; PIM; anti-PIM1 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	S08-8D5
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-PIM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human PIM1
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of PIM1 in paraffin-embedded Human tonsil using PIM1 Rabbit mAb at dilution 1/50



WB (Western Blot)

Western blot detection of PIM1 in HeLa, A549, HL-60 cell lysates using PIM1 Rabbit mAb (1:1000 diluted). Predicted band size: 45kDa. Observed band size: 34kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-PIM1 antibody	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is expressed primarily in B-lymphoid and myeloid cell lines, and is overexpressed in hematopoietic malignancies and in prostate cancer. It plays a role in signal transduction in blood cells, contributing to both cell proliferation and survival, and thus provides a selective advantage in tumorigenesis. Both the human and orthologous mouse genes have been reported to encode two isoforms (with preferential cellular localization) resulting from the use of alternative in-frame translation initiation codons, the upstream non-AUG (CUG) and downstream AUG codons (PMIDs:16186805, 1825810).[provided by RefSeq, Aug 2011]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	342307046
NCBI GeneID	5292
NCBI Accession #	NP_001230115.1
NCBI GenBank Nucleotide #	NM_001243186.1
UniProt Accession #	P11309; Q38RT9; Q5T7H7; Q96RG3
Molecular Weight	45,412 Da
NCBI Official Full Name	serine/threonine-protein kinase pim-1 isoform 1
NCBI Official Synonym Full Names	pim-1 oncogene
NCBI Official Symbol	PIM1
NCBI Official Synonym Symbols	PIM
NCBI Protein Information	serine/threonine-protein kinase pim-1; Oncogene PIM1; pim-1 kinase 44 kDa isoform; pim-1 oncogene (proviral integration site 1); proto-oncogene serine/threonine-protein kinase pim-1
UniProt Protein Name	Serine/threonine-protein kinase pim-1
UniProt Gene Name	PIM1
UniProt Entry Name	PIM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.