

## PIM1

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC ICC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**32 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PIM1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

PIM;

**Background:**

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).

**To place an order, please [Click HERE](#).**

**Catalog #:**A11080

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**5292

**Isotype:**IgG

**Swiss Prot:**P11309

**Purity:**Affinity purification

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