

## CAB24475

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### Product Information

<b>Product SKU:</b> CAB24475	<b>Gene ID:</b> 5292	<b>Size:</b> 20uL, 100uL
<b>Clone No:</b> -	<b>Host Species:</b> Rabbit	<b>Reactivity:</b> Human,Mouse,Rat

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### Additional Information

<b>Observed MW:</b> 44kDa	<b>Conjugate:</b> Unconjugated
<b>Calculated MW:</b> 35kDa/45kDa	<b>Isotype:</b> IgG

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### Immunogen Information

**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).

**Recommended Dilution:** WB,1:500 - 1:1000

**Synonyms:** PIM1; PIM; serine/threonine-protein kinase pim-1

**Purification Method:** Affinity purification

**Immunogen:** A synthetic peptide corresponding to a sequence within amino acids 213-313 of human PIM1 (NP\_002639.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.