

# Product Datasheet

## PIM2 Antibody NBP2-26114

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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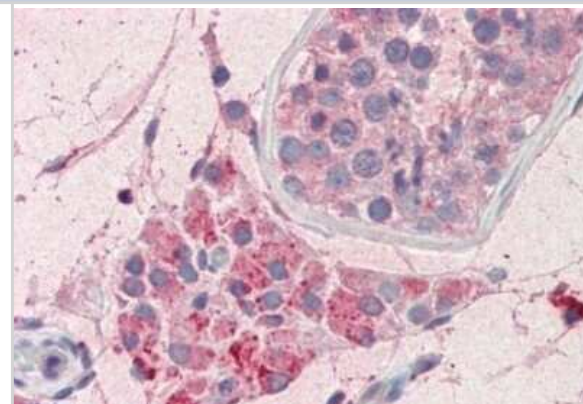
**NBP2-26114****PIM2 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	11040
<b>Gene Symbol</b>	PIM2
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-QTPAEDVPLNPSK corresponding to C-Terminus according to NP_006866.2.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.3-1 ug/ml, Flow Cytometry 10 ug/ml, ELISA Detection limit 1:16000, Immunohistochemistry 5 ug/ul, Immunocytochemistry/Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 5 ug/ml
<b>Application Notes</b>	Approx. 30kDa band observed in lysates of cell line K562 and in preliminary testing of cell lines HeLa and Caco-2 and approx. 30-35kDa observed in lysates of cell line HepG2 (calculated MW of 34.2kDa according to NP_006866.2).

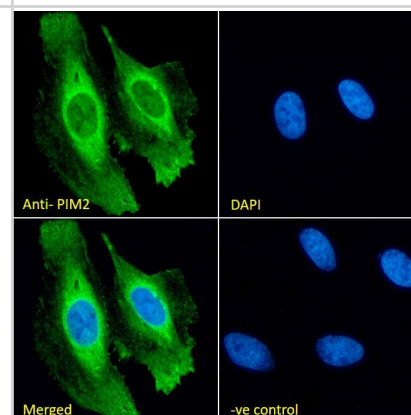


## Images

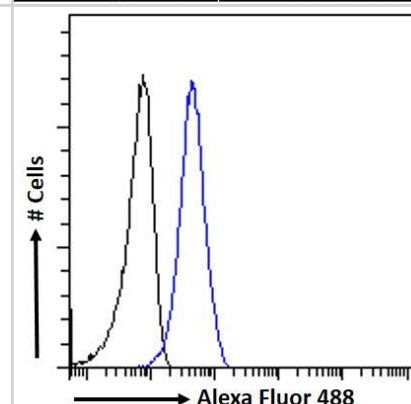
**Immunohistochemistry-Paraffin:** PIM2 Antibody [NBP2-26114] - 5ug/ml staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



**Immunocytochemistry/Immunofluorescence** Goat Polyclonal PIM2 Antibody [NBP2-26114] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



**Flow Cytometry:** Goat Polyclonal PIM2 Antibody [NBP2-26114] - Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



## Publications

Morishita D, Katayama R, Sekimizu K et al. Pim kinases promote cell cycle progression by phosphorylating and down-regulating p27Kip1 at the transcriptional and posttranscriptional levels. Cancer Res 2008-07-01 [PMID: 18593906]



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### **Products Related to NBP2-26114**

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-51711-0.05mg	Recombinant Human PIM2 His Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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