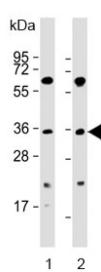


## PIM2 Antibody (F54449)

Catalog No.	Formulation	Size
F54449-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54449-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	SAS precipitation
UniProt	Q9P1W9
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1:25 Western Blot : 1:500-1:2000
Limitations	This PIM2 antibody is available for research use only.



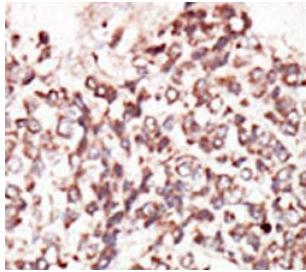
Western blot testing of human 1) K562 and 2) SW620 cell lysate with PIM2 antibody. Predicted molecular weight ~34 kDa.



Western blot testing of human HeLa cell lysate with PIM2 antibody. Predicted molecular weight ~34 kDa.



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with PIM2 antibody.



IHC testing of FFPE human cancer tissue with PIM2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

Pim proteins (Pim-1, Pim-2 and Pim-3) are oncogene-encoded serine/threonine kinases. Pim-2 is highly homologous to Pim-1 with similar oncogenic functions. Pim-2 overexpression promotes resistance to a host of apoptotic stimuli; its expression is negatively regulated by growth factor depletion. Increased levels of Pim-2 has also been observed in certain cancers.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the PIM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 277-308 from the human protein was used as the immunogen for the PIM2 antibody.

## Storage

Aliquot the PIM2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.