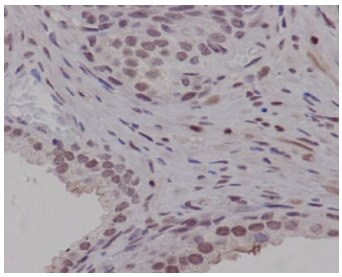
PIM1 Antibody [clone ECB-16] (RQ5360)

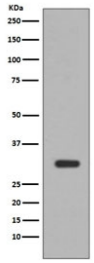
Catalog No.	Formulation	Size
RQ5360	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ECB-16
Purity	Affinity purified
UniProt	P11309
Localization	Nuclear, cytoplasmic, cell membrane
Applications	Western blot: 1:5000-1:10000 Immunohistochemistry (FFPE): 1:50-1:200
Limitations	This PIM1 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma with PIM1 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



Western blot testing of human Jurkat cell lysate with PIM1 antibody. Predicted molecular weight ~44 kDa (PIM-1L) and ~34 kDa (PIM-1S).

Description

The protein encoded by the PIM1 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. [RefSeq]

Application Notes

Optimal dilution of the PIM1 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human PIM1 was used as the immunogen for the PIM1 antibody.

Storage

Store the PIM1 antibody at -20oC.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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