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订购热线: 4008-898-798

Anti-PIM2 antibody

Cat. No. ml221828
Package 25 μ l/100 μ l/200 μ l
Storage -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description Anti-PIM2 rabbit polyclonal antibody
Applications ELISA, IHC
Immunogen Fusion protein of human PIM2
Reactivity Human, Mouse
Content 0.2 mg/ml
Host species Rabbit
Ig class Immunogen-specific rabbit IgG
Purification Antigen affinity purification

Target information

Symbol PIM2
Full name pim-2 oncogene
Synonyms
Swissprot Q9P1W9

Target Background

This gene encodes a protooncogene that acts as a serine/threonine protein kinase. Studies determined the encoded protein functions to prevent apoptosis and to promote cell survival. Proto-oncogene with serine/threonine kinase activity involved in cell survival and cell proliferation. Exerts its oncogenic activity through: the regulation of MYC transcriptional activity, the regulation of cell cycle progression, the regulation of cap-dependent protein translation and through survival signaling by phosphorylation of a pro-apoptotic protein, BAD. Phosphorylation of MYC leads to an increase of MYC protein stability and thereby an increase transcriptional activity.



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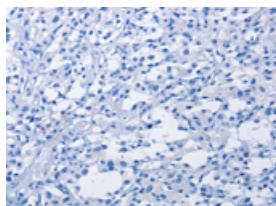
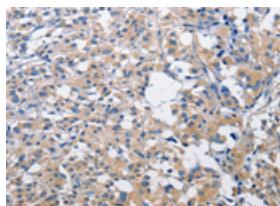
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221828(PIM2 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 2000-5000

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