



Rabbit Anti-PIM1 monoclonal antibody, clone TU1624 (CABT-L676)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	PIM1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TU1624
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	32 kDa
Cellular Localization	Cytoplasm, Nucleus, Cell membrane.
Positive Control	BT-20, SW480, HepG2, human breast carcinoma tissue, human tonsil tissue, human gastric carcinoma tissue, human colon cancer tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Pim-1 is a serine/threonine kinase that cooperates with c-Myc in lymphoid cell transformation. The expression of pim-1 increases during the progression from early to late G1, remaining high at the G1/S boundary and G2 phases of the cell cycle. Pim-1 is regulated at both the transcriptional and translational level, and it has been shown to be induced by IL-2 stimulation. Pim-1 also plays a role in T cell differentiation, and it has been shown to stimulate c-Myc-mediated apoptosis upstream of caspase-3-like proteases.
Keywords	Oncogene PIM 1;Oncogene PIM1;PIM 1;pim 1 kinase 44 kDa isoform;Pim 1 kinase;pim 1 oncogene (proviral integration site 1);Pim 1 oncogene;PIM;PIM1;pim1 kinase 44 kDa isoform;PIM1_HUMAN;Pim2;PIM3;Proto oncogene serine/threonine protein kinase Pim 1;Proto-oncogene serine/threonine-protein kinase Pim-1;Proviral integration site 1;Proviral integration site 2 antibody