


Product datasheet

Anti-PIM2 antibody ab97475

1 References [画像数 2](#)

製品の概要

製品名	Anti-PIM2 antibody
製品の詳細	Rabbit polyclonal to PIM2
アプリケーション	適用あり: WB, ICC/IF
種交差性	交差種: Human 交差が予測される動物種: Mouse, Rat 
免疫原	Recombinant fragment, corresponding to a region within amino acids 53-248 of Human PIM2 (AAH18111)
ポジティブ・コントロール	293T, A431, HeLa, HepG2 and Molt-4 cells

法規制情報

医薬用外毒物

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 20% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab97475** in the following tested applications.

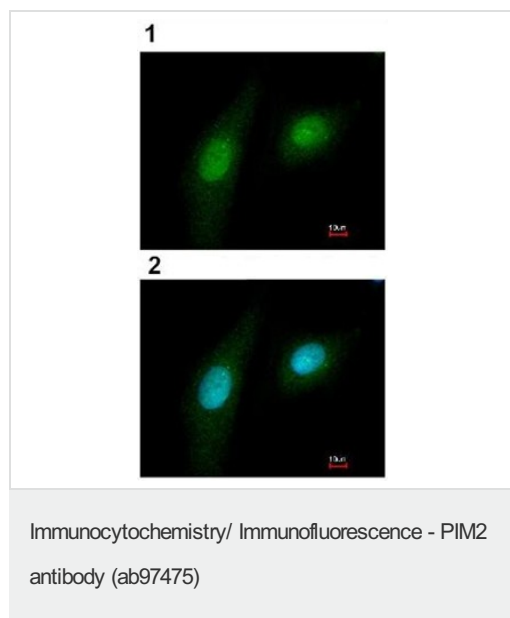
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/3000. Predicted molecular weight: 34 kDa.
ICC/IF		1/100 - 1/200.

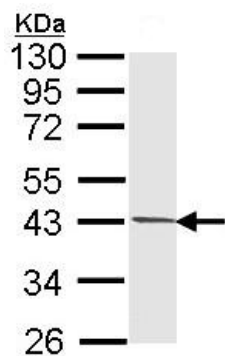
ターゲット情報

機能	Promotes cell survival in response to a variety of proliferative signals via positive regulation of the I-kappaB kinase/NF-kappaB cascade; this process requires phosphorylation of MAP3K8/COT. Prevents apoptosis induced by growth factor withdrawal via inhibition of caspase-3 activation, and via phosphorylation of pro-apoptotic proteins. Inhibits BAD-induced cell death via phosphorylation of BAD. PIM2-mediated cell survival is glucose-dependent but independent of several AKT regulators such as PI3K, HSP-90 and TOR, indicating that PIM2 and PI3K/AKT/TOR function via distinct pathways. Involved in the positive regulation of chondrocyte survival and autophagy in the epiphyseal growth plate.
組織特異性	Highly expressed in hematopoietic tissues, in leukemic and lymphoma cell lines, testis, small intestine, colon and colorectal adenocarcinoma cells. Weakly expressed in normal liver, but highly expressed in hepatocellular carcinoma tissues.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. PIM subfamily. Contains 1 protein kinase domain.
翻訳後修飾	Autophosphorylated.

画像



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ab97475 at 1/200 dilution (1) and with Hoescht nuclear stain (2).



Western blot - PIM2 antibody (ab97475)

Anti-PIM2 antibody (ab97475) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size : 34 kDa

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