

Recombinant Prohibitin Monoclonal Antibody

catalog number: E-AB-81601

Note: Centrifuge before opening to ensure complete recovery of vial contents.

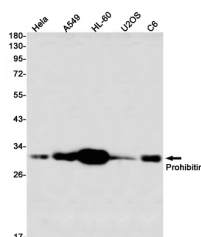
Description

Reactivity	Human;Rat
Immunogen	A synthetic peptide of human Prohibitin
Host	Rabbit
Isotype	IgG
Clone	R07-2G1
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:50-1:100

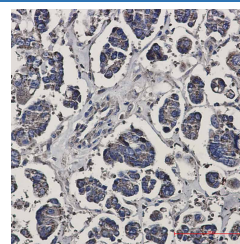
Data



Western blot detection of Prohibitin in Hela,A549,HL-60,U2OS,C6 using Prohibitin Rabbit mAb(1:1000 diluted)

Observed-MV:30 kDa

Calculated-MV:30 kDa



Immunohistochemistry of Prohibitin in paraffin-embedded Human Cholangiocarcinoma using Prohibitin Rabbit mAb at dilution 1:50

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Prohibitin,also known as PHB,a member of the Band-7 family of proteins,is widely distributed in bacteria,plants,yeast, protozoa and mammals and is important in cell proliferation,differentiation and apoptosis . This protein localizes to the inner membrane of mitochondria,where it acts as a chaperone protein,and is also found in the nucleus,where it negatively regulates transcription . Recent study confirmed that the expression and distribution of PHB,which is a nuclear matrix protein,affect the apoptosis of HaCaT cells and its co-localization with specific gene products connected with cell apoptosis .

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