

Product Name: Prohibitin (5H7) Mouse Monoclonal Antibody
Catalog #: AMM00856



Summary

Production Name	Prohibitin (5H7) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-P,ICC/IF,FC
Reactivity	Human,Mouse,Rat,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Immunogen

Gene Name	PHB1
Alternative Names	PHB1; HEL-215; HEL-S-54e
Gene ID	5245
SwissProt ID	P35232

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100
Molecular Weight	Calculated MW: 30 kDa; Observed MW: 30 kDa

Background

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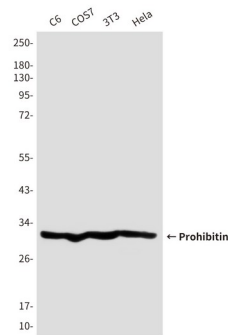


PHB1 is 30kDa tumor suppressor protein involved in cell cycle control. PHB1 has been found in mitochondria, the nucleus and the plasma membrane, as well as extracellularly in circulation. In mitochondria prohibitins mainly exist as membrane-bound ring complexes and function as chaperones maintaining mitochondrial protein stability during protein synthesis and transportation.

Research Area

Cell Biology

Image Data



Western blot analysis of Prohibitin in C6, COS7, 3T3 and HeLa lysates using Prohibitin antibody.

Note

For research use only.