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

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC/IF,FC
Reactivity	Human,Mouse,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Application

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

Antigen Information

Gene Name	PHB1
Alternative Names	PHB1; HEL-215; HEL-S-54e
Gene ID	5245
SwissProt ID	P35232
Immunogen	A synthetic peptide of human Prohibitin

Background

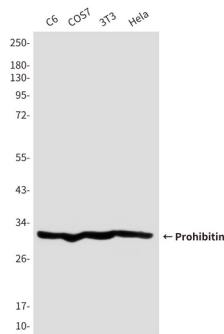
PHB1 is 30kDa tumor suppressor protein involved in cell cycle control. PHB1 has been found in mitochondria, the nucleus and the plasma membrane, as well as extracellularly in circulation. In mitochondria prohibitins mainly exist as membrane-bound

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.