

PROHIBITIN (5H7) MOUSE MAB

Cat.#: N261180

Product Name: Anti-Prohibitin (5H7) Mouse Monoclonal Antibody

Synonyms: PHB1; HEL-215; HEL-S-54e

UNIPROT ID: P35232

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.

Immunogen: Purified recombinant fragment of human PHB expressed in E. Coli.

Applications: WB,IHC-P,ICC/IF,FC

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 5H7-D5-E2

MW: Calculated MW: 30 kDa; Observed MW: 30 kDa

Isotype: IgG1

Purification: Ascitic Fluid

Species Reactivity: Human,Mouse,Rat,Monkey

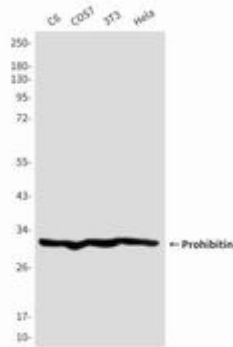
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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