

## 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

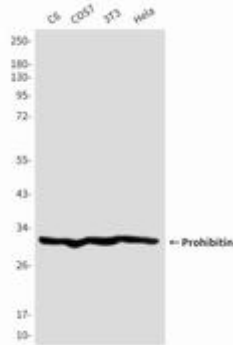
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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.