

Product datasheet for TA384970

Prohibitin (PHB) Mouse Monoclonal Antibody [Clone ID: 5H7-D5-E2]

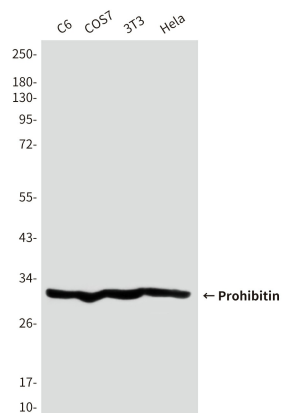
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | 5H7-D5-E2 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB: 1/500-1/2000 IHC: 1/200-1/1000 ICC: 1/200-1/1000 FC: 1/200-1/400 |
| Reactivity: | Human, Mouse, Rat, Monkey |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Purified recombinant fragment of human PHB expressed in E. Coli. |
| Formulation: | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3. |
| Concentration: | lot specific |
| Purification: | Ascitic Fluid |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | 30kDa |
| Gene Name: | prohibitin |
| Database Link: | Entrez Gene 5245 Human P35232 |
| Background: | Swiss-Prot Acc.P35232.Prohibitin is an evolutionarily conserved gene that is ubiquitously expressed. It is thought to be a negative regulator of cell proliferation and may be a tumor suppressor. Mutations in PHB have been linked to sporadic breast cancer. Prohibitin is expressed as two transcripts with varying lengths of 3' untranslated region. The longer transcript is present at higher levels in proliferating tissues and cells, suggesting that this longer 3' untranslated region may function as a trans-acting regulatory RNA. |


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Synonyms: PHB1; prohibitin

Product images:



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