

## PEG10 monoclonal antibody

Catalog: MB0036

Host: Mouse IgG1

Reactivity: Human

### BackGround:

Prevents apoptosis in hepatocellular carcinoma (HCC) cells through interaction with SIAH1, a mediator of apoptosis. May also have a role in cell growth promotion and hepatoma formation. Inhibits the TGF-beta signaling by interacting with the TGF-beta receptor ALK1. When overexpressed, induces the formation of cellular extension, such as filipodia in association with ALK1. Involved at the immediate early stage of adipocyte differentiation (By similarity). May bind to the 5'-GCCTGTCTTT-3' DNA sequence of the MB1 domain in the myelin basic protein (MBP) promoter

### Product:

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

### Molecular Weight:

Predicted band size: 55KDa

Observed band size: 55KDa/95KDa

### Swiss-Prot:

Q86TG7

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:1000

IP: 1:50~1:200

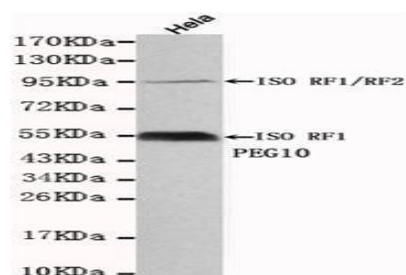
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

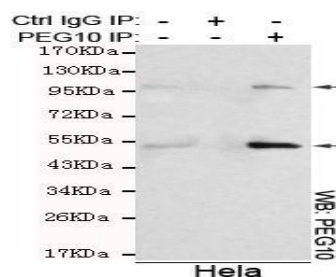
### Specificity:

This antibody detects endogenous levels of PEG10 and does not cross-react with related proteins

### DATA:



Western blot detection of PEG10 in HeLa cell lysates using PEG10 antibody (1:1000 diluted).



Immunoprecipitation analysis of HeLa cell lysates using PEG10 antibody

### Note:

For research use only, not for use in diagnostic procedure.

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