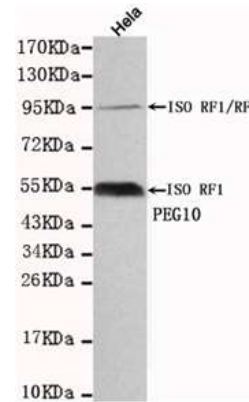


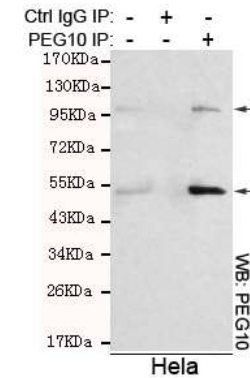
## Anti-PEG10 Antibody (1E2-F12-C12)

<b>CATALOG NO:</b>	A1321-100
<b>AMOUNT:</b>	100 µg
<b>ALTERNATIVE NAMES:</b>	Retrotransposon-derived protein PEG10, Embryonal carcinoma differentiation-regulated protein, Mammalian retrotransposon-derived protein 2, Myelin expression factor 3-like protein 1, MEF3-like protein 1
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	1E2-F12-C12
<b>Host/ISOTYPE:</b>	Mouse IgG1
<b>IMMUNOGEN:</b>	Recombinant human PEG10 protein fragments expressed in <i>E.coli</i>
<b>MOLECULAR WEIGHT:</b>	55 kDa
<b>SPECIES REACTIVITY:</b>	Human
<b>SPECIFICITY:</b>	This antibody detects endogenous levels of PEG10 and does not cross-react with related proteins.
<b>PURIFICATION:</b>	Affinity purified
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol
<b>STORAGE CONDITIONS:</b>	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	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.
<b>APPLICATION:</b>	WB; 1:1000 IP

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



**Western blot detection of PEG10 in HeLa cell lysates using PEG10 Antibody**



**Immunoprecipitation analysis of HeLa cell lysates using PEG10 Antibody**

**RELATED PRODUCTS:**

- 5-hmC polyclonal antibody (rabbit) **(Cat. No. 6830)**
- Acetyl Lysine (Biotin) Antibody **(Cat. No. 6125)**
- Acetyl-Histone H2A Antibody **(Cat. No. 3653)**
- Anti- c-Myb Antibody **(Cat. No. A1212)**

**FOR RESEARCH USE ONLY! Not to be used on humans.**