PEG10 (1B1C) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252844
Unit: 0.1 ml

Description:
PEG10 (Paternally expressed gene 10 protein) participates apoptosis and cell differentiation pathways. PEG10 prevents apoptosis in hepatocellular carcinoma (HCC) cells through interaction with SIAH1, a mediator of apoptosis. PEG10 also plays a role in cell growth promotion and hepatoma formation. PEG10 inhibits the TGF-beta signaling by interacting with the TGF-beta receptor ALK1. When overexpressed, PEG10 induces the formation of cellular extension, such as filopodia in association with ALK1.

Isotype: Mouse IgG1
Applications: WB, IF
Species Reactivity: H
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
Alternate Names: PEG10; Paternally expressed gene 10 protein; Retrotransposon-derived protein PEG10; Retrotransposon-derived gag-like polyprotein; Embryonal carcinima differentiation-regulated protein; Mammalian retrotransposon-derived protein 2; Myelin expression factor 3-like protein 1; MEF3-like protein 1; Retrotransposon gag domain-containing protein 3; Ty3/Gypsy-like protein; EDR; KIAA1051; MAR2; MART2; MEF3L1; RGAG3
Accession No.: Q86TG7

Antigen: Purified recombinant fragment of PEG10(aa1-120) expressed in E. coli.
Application Notes: WB: 1:500-1:2000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.