

Product datasheet for **TA347016**

PEG10 Mouse Monoclonal Antibody [Clone ID: 1E2-F12-C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1E2-F12-C12
Applications:	IP, WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for PEG10 antibody: purified recombinant human PEG10 protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.02% sodium azide, 50% glycerol
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	55 kDa
Gene Name:	paternally expressed 10
Database Link:	NP_001035242 Entrez Gene 23089 Human Q86TG7



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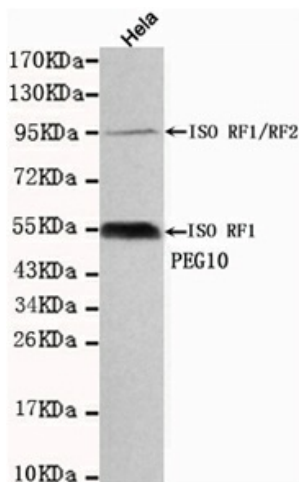
Background:

This is a paternally expressed imprinted gene that encodes transcripts containing two overlapping open reading frames (ORFs), RF1 and RF1/RF2, as well as retroviral-like slippage and pseudoknot elements, which can induce a -1 nucleotide frame-shift. ORF1 encodes a shorter isoform with a CCHC-type zinc finger motif containing a sequence characteristic of gag proteins of most retroviruses and some retrotransposons. The longer isoform is the result of -1 translational frame-shifting leading to translation of a gag/pol-like protein combining RF1 and RF2. It contains the active-site consensus sequence of the protease domain of pol proteins. Additional isoforms resulting from alternatively spliced transcript variants, as well as from use of upstream non-AUG (CUG) start codon, have been reported for this gene. Increased expression of this gene is associated with hepatocellular carcinomas. [provided by RefSeq, May 2010]

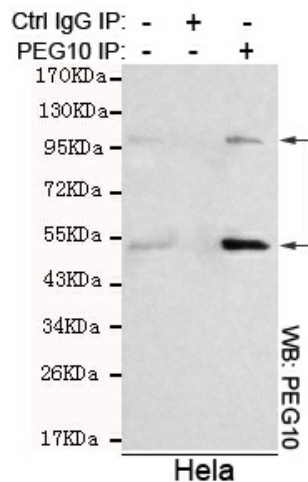
Synonyms:

EDR; HB-1; Mar2; Mart2; MEF3L; RGAG3

Product images:



Western blot detection of PEG10 in HeLa cell lysates using PEG10 mouse mAb (1:1000 diluted). Predicted band size: 55 kDa. Observed band size: 55 kDa, 95 kDa.



Immunoprecipitation analysis of HeLa cell lysates using PEG10 mouse mAb.