

## PEG10 Monoclonal Antibody

Catalog No: #27129

Package Size: #27129-1 50ul #27129-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

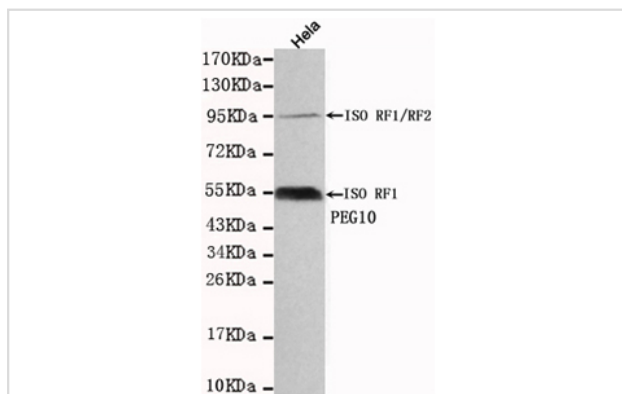
Product Name	PEG10 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	1E12-F12-C12
Isotype	IgG1
Purification	Affinity purified
Applications	ELISA WB IP
Species Reactivity	Hu Ms Rb P
Immunogen Type	Recombinant protein
Immunogen Description	Purified recombinant human PEG10 protein fragments expressed in E.coli.
Target Name	PEG10
Other Names	EDR, HB-1, Mar2, MEF3L, Mart2, RGAG3
Accession No.	Swiss-Prot:P27361 Gene ID:5595
Uniprot	P27361
GeneID	5595;
Formulation	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

## Application Details

Predicted MW: 55kd

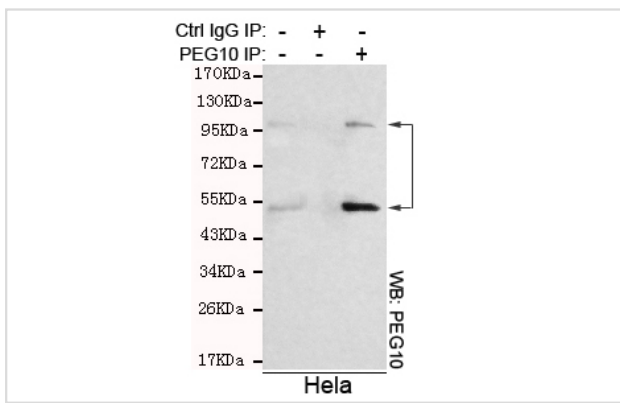
Western blotting: 1:1000

## Images



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

Immunoprecipitation analysis of HeLa cell lysates using PEG10 antibody



## 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. 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.

Note: This product is for in vitro research use only