

# Product Datasheet

## PEG10 Antibody (1B1C4)

### NBP1-28875

Unit Size: 0.1 ml

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

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**NBP1-28875**

PEG10 Antibody (1B1C4)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1B1C4
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ascites
<b>Buffer</b>	Ascites

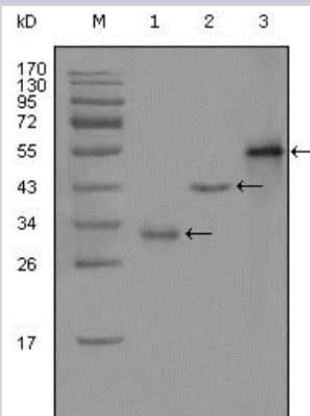
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse PEG10 Antibody (1B1C4) (NBP1-28875) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-PEG10 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23089
<b>Gene Symbol</b>	PEG10
<b>Species</b>	Human
<b>Immunogen</b>	Purified recombinant fragment of PEG10 (aa1-120) expressed in E. Coli.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

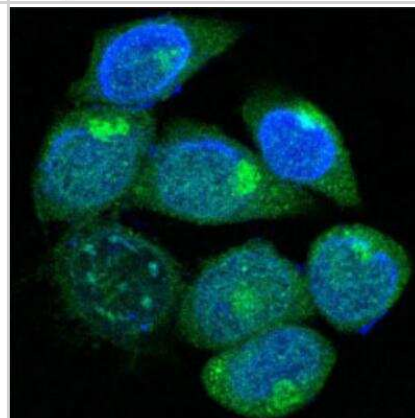


## Images

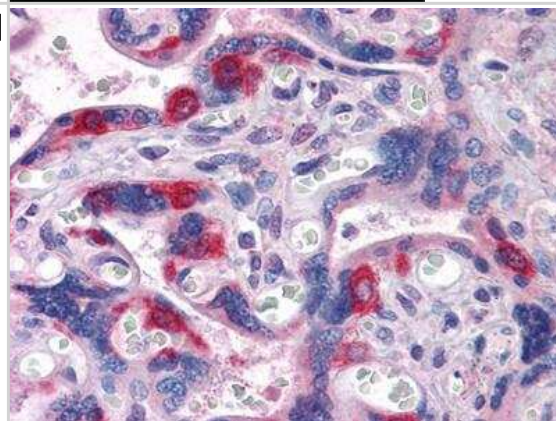
Western Blot: PEG10 Antibody (1B1C4) [NBP1-28875] - Analysis using PEG10 monoclonal antibody against truncated Trx-PEG10 recombinant protein(1), truncated GST-PEG10(aa1-120) recombinant protein(2) and full-length PEG10(aa1-325)-hlgGFc transfected CHO-K1 cell lysate(3).



Immunocytochemistry/Immunofluorescence: PEG10 Antibody (1B1C4) [NBP1-28875] - Analysis of methanol-fixed HepG2 cells using anti-PEG10 monoclonal antibody (green), showing cytoplasmic localization. Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry-Paraffin: PEG10 Antibody (1B1C4) [NBP1-28875] - Immunohistochemical analysis of paraffin-embedded human Placenta tissues using PEG10 mouse mAb



## Publications

Kim S, Thaper D et al. PEG10 is associated with treatment-induced neuroendocrine prostate cancer. *J Mol Endocrinol* 2019-01-07 [PMID: 31013476] (WB, Human)

Rotinen M, You S, Yang J et al. ONECUT2 Is a Targetable Master Regulator of Lethal Prostate Cancer That Suppresses the Androgen Axis SSRN 2018-12-24 [PMID: 30478421] (IF/IHC, Human)

Peng YP, Zhu Y, Yin LD et al. PEG10 overexpression induced by E2F-1 promotes cell proliferation, migration, and invasion in pancreatic cancer. *J. Exp. Clin. Cancer Res.* 2017-02-13 [PMID: 28193232] (IF/IHC, Human)



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### **Products Related to NBP1-28875**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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