



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

2355 Derry Road East, Unit 23, Mississauga, ON L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

### **Mouse anti-Human PTP1-C Monoclonal Antibody [PTY10] Datasheet**

<b>Catalogue No</b>	MO-M40043E
<b>Product name</b>	Mouse anti-human PTP1-C monoclonal antibody [PTY10]
<b>Clone No</b>	PTY10
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal antibody to human protein-tyrosine phosphatase 1 C (PTP1-C), Protein G affinity purified
<b>Target protein</b>	Human PTP1-C
<b>Immunogen</b>	Purified recombinant protein corresponding to full-length PTP1-C
<b>Specificity</b>	This antibody recognizes single 67 kDa PTP1-C in human cells that express the enzyme and the segment between the SH2 (C) and the catalytic domain
<b>Reactivity</b>	Human, others not tested
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG2a
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.2
<b>Reconstitution</b>	Double distilled water is recommended and to adjust the final concentration to 1.00 mg/mL
<b>Application</b>	ELISA, Western Blot, Immunocytochemistry
<b>Research</b>	Biochemistry
<b>Storage</b>	Store at -20° C
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

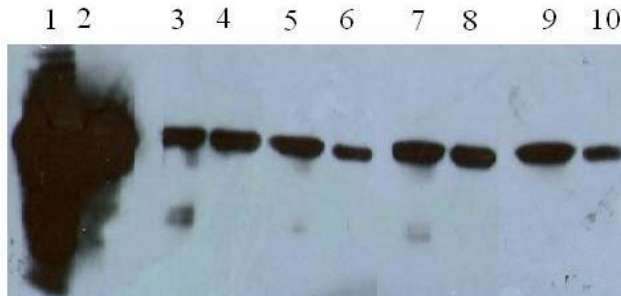
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**Western blot result:**



Lane 1,3,5,7,9 pET28-PTP1C expression supernatant 10ul  
Lane 2,4,6,8,10 Ni column purified pET28a-PTP1C expression supernatant 5ul  
1st antibody: PTY10 hybridoma culture supernatant (Lane 1,2 2x diluted. Lane 3,4  
10x diluted. Lane 5,6 10x diluted. Lane 7,8 100 diluted. Lane 9,10 500 diluted)  
2nd antibody: HRP conjugated Goat anti-Mouse IgG 1:10,000.

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