

# Product Datasheet

## PIP Antibody (PIP/7477)

### NBP3-20296-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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**NBP3-20296-100ug**

PIP Antibody (PIP/7477)

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PIP/7477
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10mM PBS with 0.05% BSA

**Product Description**

<b>Description</b>	Positive Controls: HepG2 cells. Breast or Pancreas.  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. Non-hazardous. No MSDS required.
<b>Host</b>	Mouse
<b>Gene ID</b>	5304
<b>Gene Symbol</b>	PIP
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	It recognizes a protein of 15kDa, identified as Gross cystic disease fluid protein 15 (PIP). It is a major protein component of benign breast gross cysts. It is a known marker of breast cancer, as it is found in approximately 50% of all breast cancer specimens. PIP, also known as PIP, for prolactin inducible protein, is a prolactin and androgen-controlled protein. This antibody is useful in the identification of metastatic breast carcinoma, or fluid analysis.
<b>Immunogen</b>	Recombinant fragment (around aa 41-146) of human PIP protein (exact sequence is proprietary)

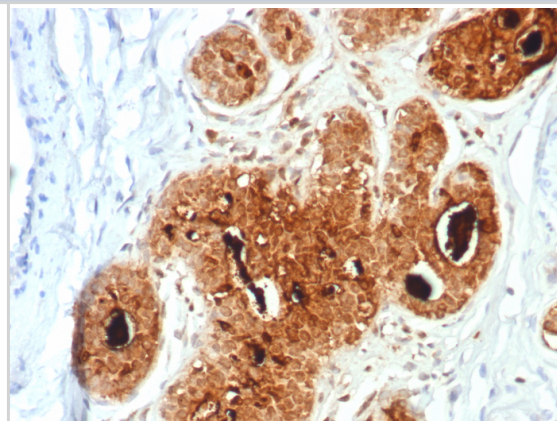
**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.  Optimal dilution for a specific application should be determined.



## Images

Formalin-fixed, paraffin-embedded human breast carcinoma stained with PIP antibody (PIP/7477). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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### **Products Related to NBP3-20296-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP2-23366	Recombinant Human PIP His Protein

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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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