

## GCDFP-15 (Gross Cystic Disease Fluid Protein 15) (Breast Marker) Antibody

Mouse Monoclonal Antibody [Clone PIP/7477]

Catalog No	Format	Size
5304-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5304-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5304-MSM5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

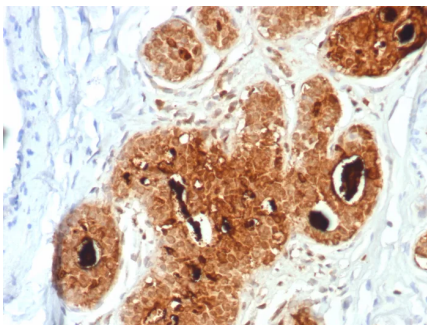
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

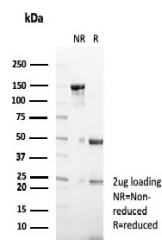
<b>Clone</b>	PIP/7477
<b>Gene Name</b>	PIP
<b>Immunogen</b>	Recombinant fragment (around aa 41-146) of human GCDFP-15 protein (exact sequence is proprietary)
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG
<b>Mol. Weight of Antigen</b>	15kDa
<b>Cellular Localization</b>	Cytoplasm (Golgi bodies). Secreted.
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	HepG2 cells. Breast or Pancreas.

\*Optimal dilution for a specific application should be determined.

### Product Images for GCDFP-15 (Gross Cystic Disease Fluid Protein 15) (Breast Marker) Antibody



Formalin-fixed, paraffin-embedded human breast carcinoma stained with GCDFP-15 Mouse Monoclonal Antibody (PIP/7477). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis Purified GCDFP-15 Mouse Monoclonal Antibody (PIP/7477). Confirmation of Integrity and Purity of Antibody.

**Specificity & Comments**

It recognizes a protein of 15kDa, identified as Gross cystic disease fluid protein 15 (GCDFP-15). 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. GCDFP-15, 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.Â ?

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**Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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**Supplied As**

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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**Storage and Stability**

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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**Research Areas**

AKT Signaling

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