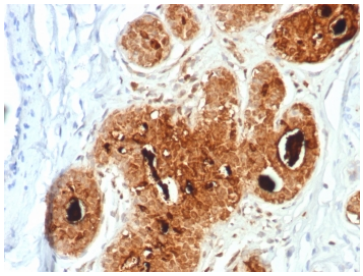
Prolactin-Induced Protein Antibody / PIP / GCDFP-15 [clone PIP/7477] (V5228)

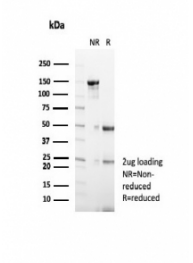
Catalog No.	Formulation	Size
V5228-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5228-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5228SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	PIP/7477
Purity	Protein A/G affinity
UniProt	P12273
Localization	Cytoplasm, Secreted
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Prolactin-Induced Protein antibody is available for research use only.



IHC staining of FFPE human breast carcinoma tissue with Prolactin-Induced Protein antibody (clone PIP/7477). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Prolactin-Induced Protein antibody (clone PIP/7477) as confirmation of integrity and purity.

Description

It recognizes a protein of 15kDa, identified as Prolactin-Induced Protein (PIP), also called 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. Prolactin inducible protein is a prolactin and androgen-controlled protein. This antibody is useful in the identification of metastatic breast carcinoma, or fluid analysis.

Application Notes

Optimal dilution of the Prolactin-Induced Protein antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 41-146) from the human protein was used as the immunogen for the Prolactin-Induced Protein antibody.

Storage

Aliquot the Prolactin-Induced Protein antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com