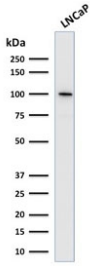
Folate Hydrolase 1 Antibody / FOLH1 [clone SPM500] (V7739)

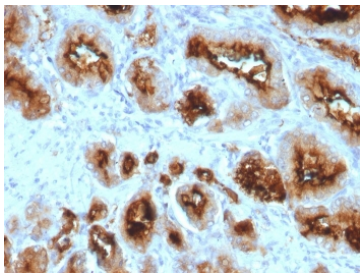
Catalog No.	Formulation	Size
V7739-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7739-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7739SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

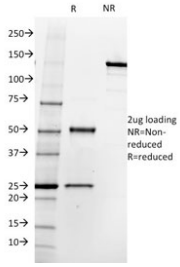
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	SPM500
Purity	Protein G affinity chromatography
UniProt	Q04609
Localization	Cytoplasmic, cell surface
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This Folate Hydrolase 1 antibody is available for research use only.



Western blot testing of human LNCaP cell lysate with Folate Hydrolase 1 antibody. Predicted molecular weight ~100 kDa.



IHC testing of FFPE human prostate cancer with Folate Hydrolase 1 antibody. Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Folate Hydrolase 1 antibody as confirmation of integrity and purity.

Description

Folate hydrolase 1 (FOLH1), also known as Prostate-specific membrane antigen (PSMA), is a type II transmembrane glycoprotein belonging to the M28 peptidase family. FOLH1 has two enzymatic activities, one as a prostate-specific integral membrane folate hydrolase and the other as a carboxypeptidase In the prostate the protein is up-regulated in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer.

Application Notes

Optimal dilution of the Folate Hydrolase 1 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 232-433 from the human protein was used as the immunogen for this Folate Hydrolase 1 antibody.

Storage

Store the Folate Hydrolase 1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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