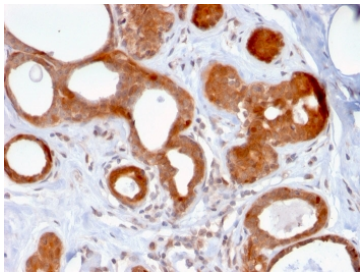
ZNF690 Antibody / ZSCAN29 [clone ZSCAN29/2610] (V7697)

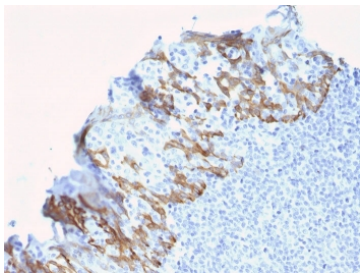
Catalog No.	Formulation	Size
V7697-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7697-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7697SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

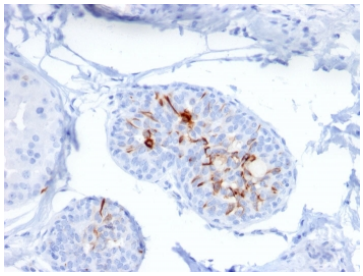
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	ZSCAN29/2610
Purity	Protein G affinity chromatography
UniProt	Q8IWY8
Localization	Cytoplasmic, nuclear
Applications	ELISA (order BSA-free Format For Coating) : Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This ZNF690 antibody is available for research use only.



ZNF690 Antibody Breast Carcinoma Immunohistochemistry. IHC staining of FFPE human breast carcinoma with ZNF690 antibody (clone ZSCAN29/2610). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



ZNF690 Antibody Breast Carcinoma Tissue IHC. Immunohistochemistry testing of FFPE human breast carcinoma with ZNF690 antibody (clone ZSCAN29/2610). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



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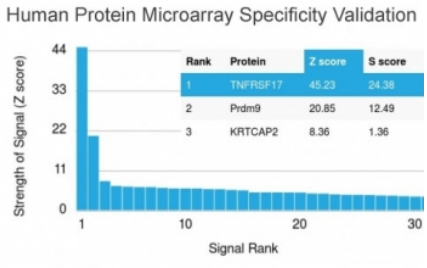
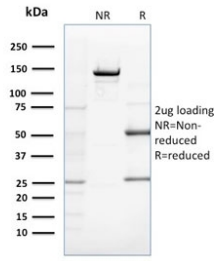


ZNF690 Antibody Microarray Specificity Validation. Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using ZNF690 antibody (clone ZSCAN29/2610). These results demonstrate the foremost specificity of the ZSCAN29/2610 mAb.
Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free ZNF690 antibody (clone ZSCAN29/2610) as confirmation of integrity and purity.

Description

ZNF690 Antibody detects Zinc finger protein 690 protein. Zinc finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc finger proteins contain a Kruppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger protein 690 (ZNF690), also known as ZSCAN29, is a 851 amino acid member of the Kruppel C2H2- type zinc finger protein family. Localized to the nucleus, ZNF690 contains six C2H2-type zinc fingers and one KRAB domain through which it is thought to be involved in DNA-binding and transcriptional regulation. Four isoforms of ZNF690 exist as a result of alternative splicing events.

This antibody is part of a collection of Human Protein Microarray validated antibodies that have been screened for specificity across thousands of proteins.

Application Notes

Optimal dilution of the ZNF690 antibody should be determined by the researcher.

Immunogen

A recombinant full-length human ZSCAN29/ZNF690 protein was used as the immunogen for the ZNF690 antibody

Storage

Store the ZNF690 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