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Datasheet for ABIN6939195
anti-ZSCAN29 antibody

5 Images

Overview

Quantity:	100 µg
Target:	ZSCAN29
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZSCAN29 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Coating (Coat), Staining Methods (StM)

Product Details

Immunogen:	Recombinant full-length human ZSCAN29 protein
Clone:	ZSCAN29-2610
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	ZSCAN29
Alternative Name:	ZSCAN29 (ZSCAN29 Products)
Background:	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

Target Details

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.

Molecular Weight: 97kDa

Gene ID: 146050

UniProt: [Q8IWY8](#)

Application Details

Application Notes: Positive Control: HeLa whole cell lysate. Tonsil. Breast Carcinoma.
Known Application: ELISA (For coating, order antibody without BSA), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

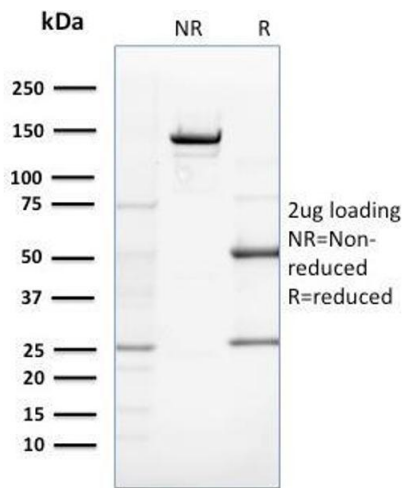
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

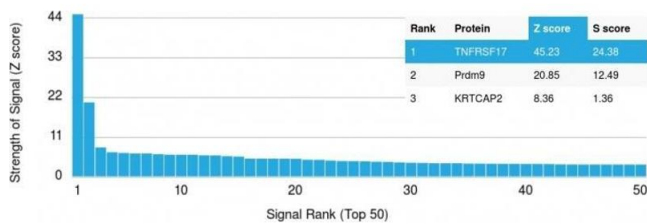
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



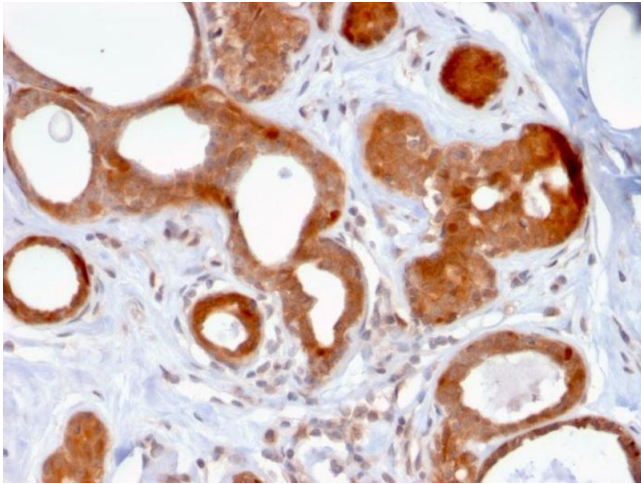
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified ZNF690 / ZSCAN29 Mouse Monoclonal Antibody (ZSCAN29/2610). Confirmation of Purity and Integrity of Antibody.



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using CD269 Mouse Monoclonal Antibody (ZSCAN29/2610) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with ZNF690 / ZSCAN29 Mouse Monoclonal Antibody (ZSCAN29/2610).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6939195.