

Product datasheet

Anti-Cytokeratin 7 antibody [rOV-TL12/30] - BSA and Azide free ab218900

Recombinant

2 Images

Overview

Product name	Anti-Cytokeratin 7 antibody [rOV-TL12/30] - BSA and Azide free
Description	Mouse monoclonal [rOV-TL12/30] to Cytokeratin 7 - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: IHC-P, Protein Array
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human Cytokeratin 7. (OTN 11, ovarian carcinoma cell line).
Positive control	Human endometrial carcinoma tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Constituent: 100% PBS
Purity	Protein G purified
Purification notes	ab218900 was purified by Protein A/G.
Clonality	Monoclonal
Clone number	rOV-TL12/30
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab218900** in the following tested applications.

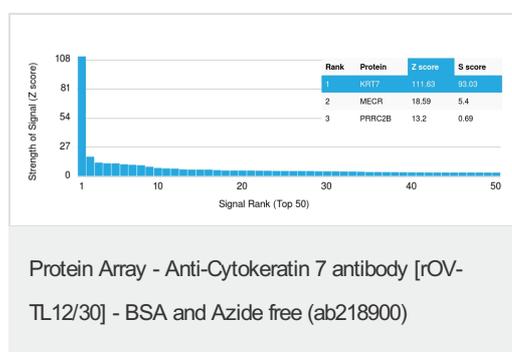
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. (Primary incubation for 30 minutes at RT).
Protein Array		Use at an assay dependent concentration.

Target

Function	Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).
Tissue specificity	Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.
Sequence similarities	Belongs to the intermediate filament family.
Post-translational modifications	Arg-20 is dimethylated, probably to asymmetric dimethylarginine.
Cellular localization	Cytoplasm.

Images

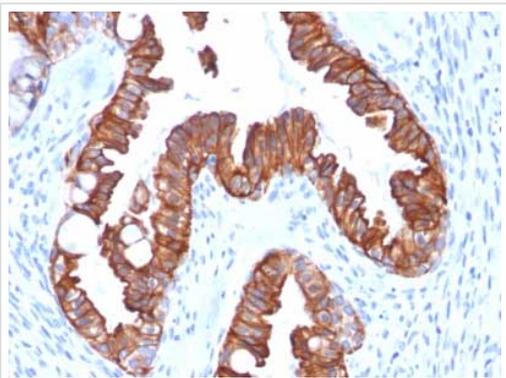


This data was produced with [ab218439](#), the same antibody in a different formulation with BSA and Azide.

[ab218439](#) was tested in protein array against over 19000 different full-length human proteins.

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 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.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human endometrial carcinoma tissue labeling Cytokeratin 7 with ab218900 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [rOV-TL12/30] - BSA and Azide free (ab218900)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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