

Product datasheet

Anti-Cytokeratin 7 antibody [KRT7/1499R] - BSA and Azide free ab218901

Recombinant

1 Image

Overview

Product name	Anti-Cytokeratin 7 antibody [KRT7/1499R] - BSA and Azide free
Description	Rabbit monoclonal [KRT7/1499R] to Cytokeratin 7 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant full length protein corresponding to Human Cytokeratin 7 aa 1-469. Sequence:</p> <pre> MSIHFSSPVFTSRSAAFSGRGAQVRLSSARPGGLGSS SLYGLGASRPRVA VRSAYGGPVGAGIREVTINQSL LAPRLDADPSLQVR QEESEQIKTLNN KFASFIDKVRFLQQNKLLETKWTLLEQKSAKSSRLP DIFEAQIAGLRG QLEALQVDGGRLEAELRSMQDVVDFKNKYEDEINHR TAAENEFVVLKGD VDAAVMSKVELEAKVDALNDEINFLRTLNETELTELOS QISDTSVVLMSD NSRSLDLGIAEVKAQYEEMAKCSRAEAEAWYQTKF ETLQAQAGKHGDD LRNTRNEISEMNRAIQRLQAEIDNIKNQRAKLEAAIAEAE ERGELALKDA RAKQEELEAALQRGKQDMARQLREYQELMSVKLALDI EIATYRKLLEGEE SRLAGDGVGAVNISVMNSTGGSSSGGGIGLTLGGTMG SNALSFSSSAGPG LLKAYSIRTASASRRSARD </pre>

Database link: [P08729](#)

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control Human oviduct 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 A purified
Clonality	Monoclonal
Clone number	KRT7/1499R
Isotype	IgG
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab218901** 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).

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



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human oviduct tissue labeling Cytokeratin 7 with ab218901 at 1 $\mu\text{g/ml}$.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [KRT7/1499R] - BSA and Azide free (ab218901)

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