

Product datasheet

Anti-Cytokeratin 8+18 antibody [KRT8.18/1346]
ab219335

2 Images

Overview

Product name	Anti-Cytokeratin 8+18 antibody [KRT8.18/1346]
Description	Mouse monoclonal [KRT8.18/1346] to Cytokeratin 8+18
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human Cytokeratin 8+18. Cytoskeleton preparation from HeLa cells.
Positive control	Human colon and prostate carcinoma tissues.

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	Preservative: 0.05% Sodium azide Constituents: 99% PBS, 0.05% BSA
Purity	Protein A/G purified
Purification notes	ab219335 was purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	KRT8.18/1346
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab219335** 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.

Target

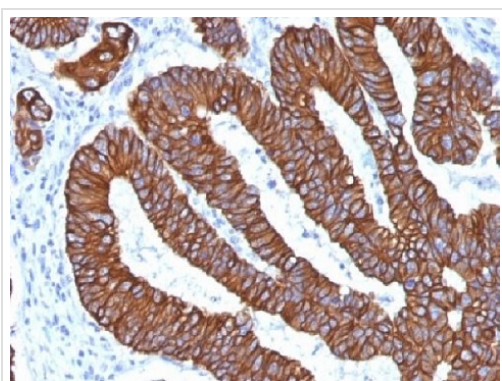
Relevance

Function: Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. Tissue specificity: Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity. Disease: Cirrhosis
Similarity: Belongs to the intermediate filament family. PTM: Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcyated), in a cell cycle-dependent manner.

Cellular localization

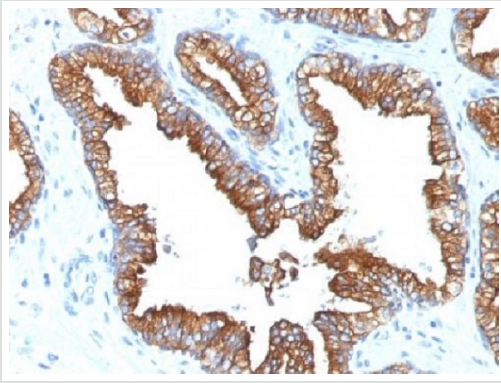
Cytoplasmic

Images



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon carcinoma tissue labeling Cytokeratin 8 + 18 with ab219335 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8+18 antibody [KRT8.18/1346] (ab219335)



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate carcinoma tissue labeling Cytokeratin 8 + 18 with ab219335 at 1 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8+18 antibody [KRT8.18/1346] (ab219335)

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