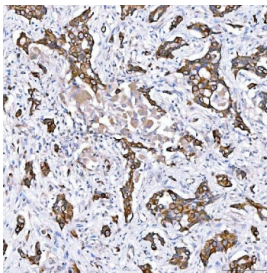


Cytokeratin 4 Antibody / KRT4 (RQ8716)

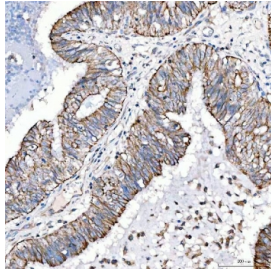
Catalog No.	Formulation	Size
RQ8716	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

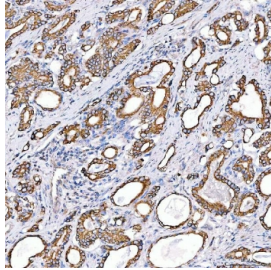
Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity chromatography
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P19013
Localization	Cell membrane, cytoplasm, nucleus
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml ELISA : 0.1-0.5ug/ml
Limitations	This Cytokeratin 4 antibody is available for research use only.



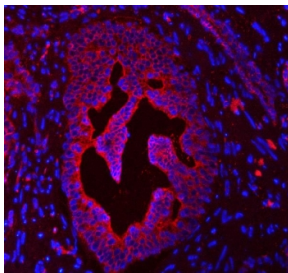
IHC staining of FFPE human lung adenocarcinoma tissue with Cytokeratin 4 antibody.
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



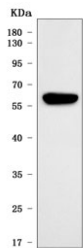
IHC staining of FFPE human endometrioid adenocarcinoma tissue with Cytokeratin 4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human prostate adenocarcinoma tissue with Cytokeratin 4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Immunofluorescent staining of FFPE human prostate cancer tissue with Cytokeratin 4 antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH8 EDTA buffer for 20 min.



Western blot testing of human HaCaT cell lysate with Cytokeratin 4 antibody. Predicted molecular weight ~56 kDa.

Description

Cytokeratin 4 (KRT4) is an intermediate filament protein that is expressed in suprabasal cells of non-keratinized stratified squamous epithelium of esophagus, cornea, anus, larynx, pharynx and tongue.

Application Notes

Optimal dilution of the Cytokeratin 4 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids N170-S427) was used as the immunogen for the Cytokeratin 4 antibody.

Storage

After reconstitution, the Cytokeratin 4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

