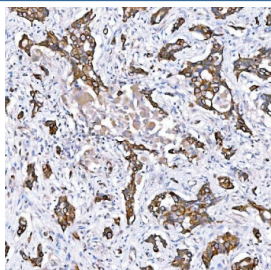


## Cytokeratin 4 Antibody / KRT4 (RQ8716)

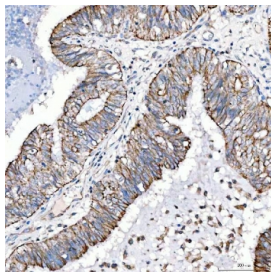
Catalog No.	Formulation	Size
RQ8716	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

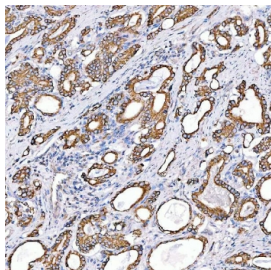
<b>Availability</b>	1-3 days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity chromatography
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P19013
<b>Localization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



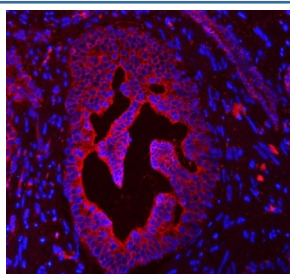
IHC staining of FFPE human lung adenocarcinoma tissue with Cytokeratin 4 antibody.  
HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



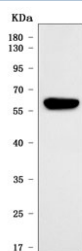
IHC staining of FFPE human endometrioid adenocarcinoma tissue with Cytokeratin 4 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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.

