

## Product datasheet for **TA321084**

### Cytokeratin 18 (KRT18) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562 cell IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm and cell membrane
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to a region derived from 130-430 amino acids of human keratin 18
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	keratin 18
Database Link:	<a href="#">NP_000215</a> <a href="#">Entrez Gene 16668 MouseEntrez Gene 294853 RatEntrez Gene 3875 Human P05783</a>

**Background:** KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.

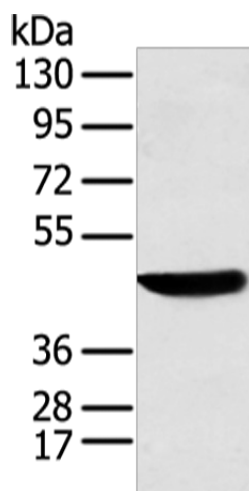


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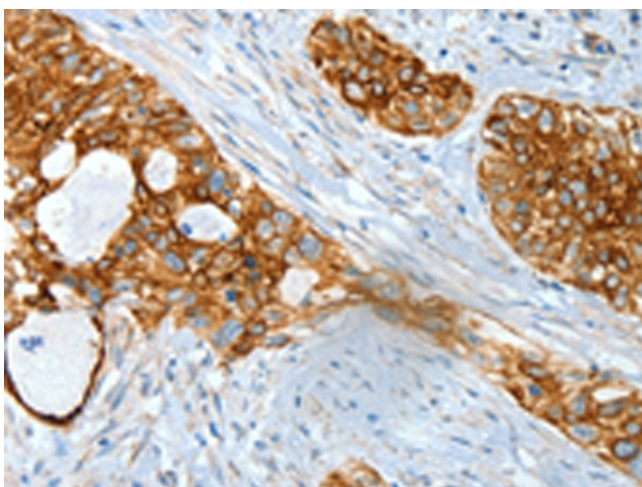
Synonyms: CYK18; K18

Protein Pathways: Pathogenic Escherichia coli infection

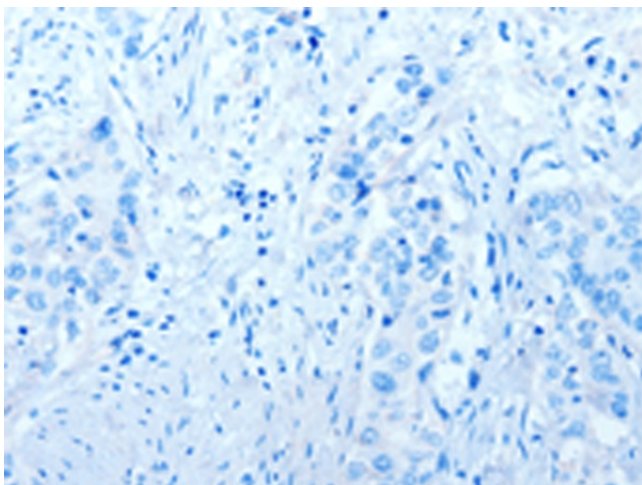
### Product images:



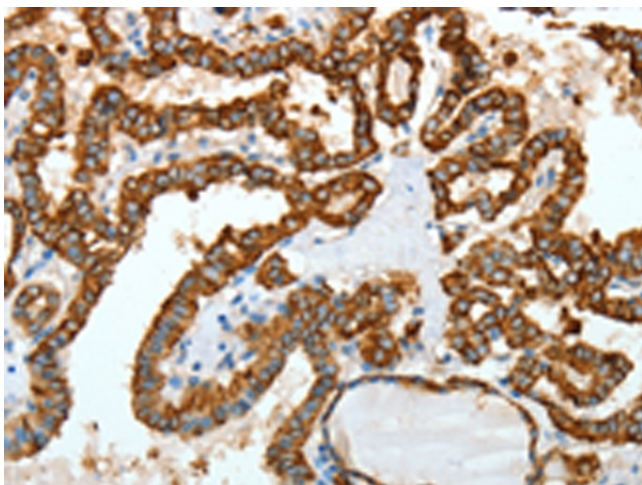
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane: K562 cell  
Primary antibody: TA321084 (KRT18 Antibody) at dilution 1/200  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds



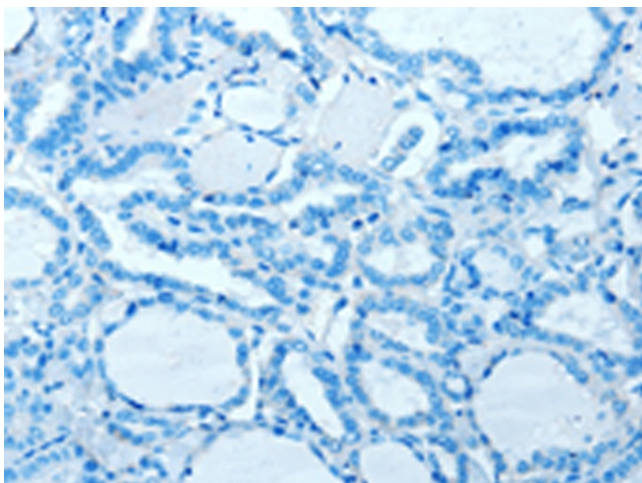
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321084 (KRT18 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA321084 (KRT18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321084 (KRT18 Antibody) at dilution 1/30 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA321084 (KRT18 Antibody) at dilution 1/30, treated with fusion protein. (Original magnification:  $\times 200$ )