

For Research Use Only

# Cytokeratin 19-specific Polyclonal antibody



Catalog Number: 16858-1-AP **2 Publications**

## Basic Information

<b>Catalog Number:</b> 16858-1-AP	<b>GenBank Accession Number:</b> NM_002276	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150UL, Concentration: 450 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 3880	
<b>Source:</b> Rabbit	<b>Full Name:</b> keratin 19	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 44 kDa	

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
IHC

**Species Specificity:**  
human

**Cited Species:**  
human, mouse

## Background Information

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 19 is a type I cytokeratin. It is a biochemical marker of skin stem cells in vivo and in vitro. This antibody is specifically against KRT 19.

## Notable Publications

Author	Pubmed ID	Journal	Application
Avnish Kapoor	24954535	Cell	IHC
Yiu Huen Tsang	26806015	Nat Commun	IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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## Selected Validation Data