

For Research Use Only

Cytokeratin 10 Polyclonal ANTIBODY



Catalog Number: 18343-1-AP **1 Publications**

Basic Information

Catalog Number: 18343-1-AP	GenBank Accession Number: BC034697	Recommended Dilutions: IHC 1:50-1:500
Size: mg/ml	GeneID (NCBI): 3858	
Source: Rabbit	Full Name: keratin 10	
Isotype: IgG	Calculated MW: 584aa, 59 kDa	
Purification Method: Antigen affinity purification	Observed MW:	
Immunogen Catalog Number: AG13136		

Applications

Tested Applications: FC, IHC, ELISA	Positive Controls: IHC : human breast cancer tissue; human skin cancer tissue, human lung cancer tissue
Cited Applications: IHC	
Species Specificity: human,mouse,rat	
Cited Species: human	

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. As a type I keratin, keratin 10 is a suprabasal marker of differentiation in stratified squamous epithelia.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoqiu Zhou	30655849	Oncol Lett	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS, pH 7.3.
Aliquoting is unnecessary for -20°C storage

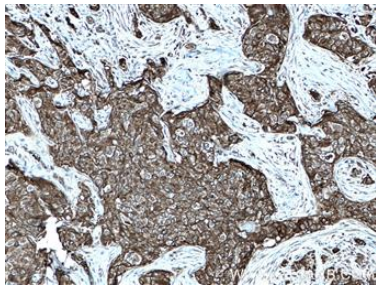
For technical support and original validation data for this product please contact:

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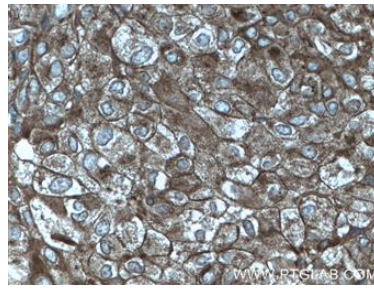
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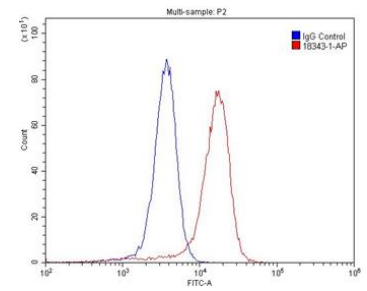
Selected Validation Data



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 18343-1-AP (Cytokeratin 10 antibody) at dilution of 1:200 (under 10x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using 18343-1-AP (Cytokeratin 10 antibody) at dilution of 1:200 (under 40x lens) heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



1X10⁶ A431 cells were stained with .2ug Cytokeratin 10 antibody (18343-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.