

## Cytokeratin, pan (Epithelial Marker) Antibody

Rabbit Polyclonal Antibody [Clone N/A]

Catalog No	Format	Size
RBP35-1835-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
RBP35-1835-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
RBP35-1835-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

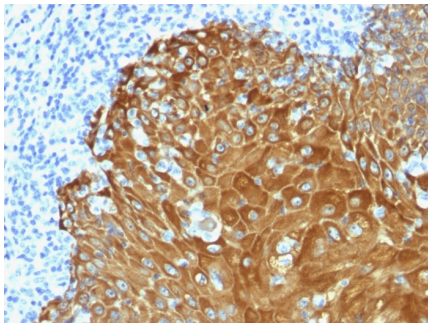
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Western Blot (WB)	2-4ug/ml	

### Product Details

<b>Clone</b>	N/A
<b>Gene Name</b>	N/A
<b>Immunogen</b>	Recombinant full-length human KRT76 and KRT77 proteins
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype / Light Chain</b>	IgG / Kappa
<b>Mol. Weight of Antigen</b>	40-67kDa
<b>Cellular Localization</b>	N/A
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Adeno- or Squamous carcinomas, Skin

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Cytokeratin, pan (Epithelial Marker) Antibody



Formalin-fixed, paraffin-embedded human Skin stained with Pan-Cytokeratin Rabbit Polyclonal Antibody.

### **Specificity & Comments**

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, which 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. It is a broad spectrum anti pan-cytokeratin antibody, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It may be useful to characterize the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has high sensitivity in the recognition of epithelial cells and carcinomas.

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### **Limitations and Warranty**

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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### **Supplied As**

200ug/ml of Ab purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

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### **Storage and Stability**

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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