# Recombinant Cytokeratin 17 (CK17) (Basal Epithelial Marker) Antibody

Rabbit Monoclonal Antibody [Clone KRT17/7155R]

| Catalog No | Format | Size |
|---|---|---|
| 3872-RBM5-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 3872-RBM5-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 3872-RBM5-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

| | |
|---|---|
| **Clone** | KRT17/7155R |
| **Gene Name** | KRT17 |
| **Immunogen** | Recombinant full-length human KRT17 protein |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 46kDa |
| **Cellular Localization** | Cytoplasm |
| **Species Reactivity** | Human |
| **Positive Control** | bladder or cervix., T24 cells. Humanskin |

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

## Product Images for Recombinant Cytokeratin 17 (CK17) (Basal Epithelial Marker) Antibody

### Specificity & Comments

Cytokeratin 17 (CK17) is normally expressed in the basal cells ofcomplex epithelia but not in stratified orsimple epithelia. Antibody to CK17 is an excellent tool to distinguish myoepithelial cells from luminal epithelium of various glandssuch as mammary, sweat and salivary. CK17 is expressed in epithelial cells of various origins, such as bronchial epithelial cells and skin appendages. It may be considered as epithelial stem cell marker because CK17 Ab marks basal cell differentiation. CK17 is expressed in SCLC much higher than in LADC. Eighty-five percent of the triple negative breast carcinomas immunoreact with basal cytokeratins including anti-CK17. Also important is that cases of triple negative breast carcinoma with expression of CK17 show an aggressive clinical course. Additionally, anti-CK17 and anti-MUC1 immunoreactivity represents pancreatobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype.

### Supplied As

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

### 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.

### Research Areas

Basal Cell Marker, Developmental Biology

### 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.