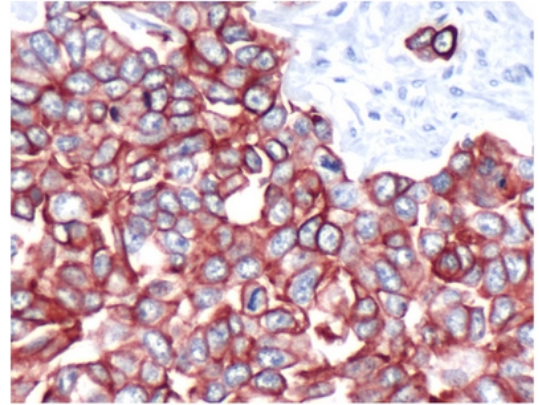


## Polyclonal Antibody to Cytokeratin 18 - Purified

<b>Alternate names:</b>	CK18, CYK18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, K18, KRT18, Keratin 18, Keratin type I cytoskeletal 18, Keratin-18
<b>Catalog No.:</b>	AP15616PU-N
<b>Quantity:</b>	1 ml
<b>Background:</b>	Cytokeratin 18 is an acidic keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas. Cytokeratin 18 exists in combination with Cytokeratin 8, a basic keratin. Hepatocellular carcinomas have been reportedly defined by the use of antibodies that recognize only Cytokeratins 8 and 18.
<b>Uniprot ID:</b>	<a href="#">P05783</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>GeneID:</b>	<a href="#">3875</a>
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	A synthetic peptide corresponding to C-terminus of Human Keratin 18
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Immunoaffinity Chromatography <b>Buffer System:</b> 10mM PBS, pH 7.4 with 1% BSA and 0.09% Sodium Azide
<b>Applications:</b>	<b>Western Blot:</b> 1/25 for 1 hour at RT. <b>Immunohistochemistry on Paraffin Sections:</b> 1/200 for 10 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. <i>Positive Control:</i> Breast Carcinoma. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognizes Keratin-18. Cellular Localization: Cytoplasm.
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Add. Information:</b>	Molecular Weight: 48 kDa
<b>Storage:</b>	Store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.

Pictures:

AP15616PU Cytokeratin-18 antibody staining of Human Breast Carcinoma.



AP15616PU Cytokeratin-18 antibody staining of A431 cell lysate by Western Blot.

