

## Product Datasheet

# Keratin 17 Antibody / Cytokeratin 17 / CK17 (orb2637394)

<b>Catalog Number</b>	orb2637394
<b>Category</b>	Antibodies
<b>Description</b>	<p>Cytokeratin 17 (CK17) is normally expressed in the basal cells of complex epithelia but not in stratified or simple epithelia. Antibody to CK17 is an excellent tool to distinguish myoepithelial cells from luminal epithelium of various glands such 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 pancreaticobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype.</p>
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Buffer/Preservatives</b>	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
<b>Purification</b>	Protein A/G affinity

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<b>Immunogen</b>	Recombinant full-length human KRT17 protein was used as the immunogen for the Keratin 17 antibody.
<b>UniProt ID</b>	<b>Q04695</b>
<b>Tested applications</b>	IHC-P
<b>Dilution range</b>	Immunohistochemistry (FFPE): 1-2ug/ml
<b>Application notes</b>	Optimal dilution of the Keratin 17 antibody should be determined by the researcher.
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	KRT17/7155R
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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