

BP5078**Polyclonal Antibody to Cytokeratin 17 - Serum**

Alternate names:	CK17, Cytokeratin-17, K17, KRT17, Keratin 17, Keratin type I cytoskeletal 17, Keratin-17
Quantity:	0.1 ml
Background:	Acidic human keratin K17 (Mr 46,000); formerly also designated Cytokeratin 17.
Uniprot ID:	Q04695
NCBI:	NP_000413.1
GeneID:	3872
Host:	Guinea Pig
Immunogen:	Recombinant Human Keratin K17
Format:	State: Liquid serum Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA
Applications:	Immunoblotting: 1/5000-1/10000 (ECL method). Immunohistochemistry on Frozen Sections: 1/100-1/200. Immunohistochemistry on Paraffin Sections: 1/50. <i>Incubation Time:</i> 1h at RT, extended with Paraffin. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antiserum represents an excellent marker to distinguish myoepithelial cells (positive for keratin K17) from luminal epithelium of various glands (mammary, sweat, salivary, bronchial, tracheal, laryngeal, esophageal) and benign from malignant forms of e.g. mammary gland tumors. In the epidermis suprabasal staining is found only in cornifying regions and in the outer root sheath of hair follicles. Species: Human. Other species not tested.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Shelf life: one year from despatch.
General Readings:	1. Demirkesen C, Hoede N, Moll R. Epithelial markers and differentiation in adnexal neoplasms of the skin: an immunohistochemical study including individual cytokeratins. J Cutan Pathol. 1995 Dec;22(6):518-35. PubMed PMID: 8835171. 2. Moll R. et al.: Differenzierungsmarker bei gynäkologischen Tumoren: Methodische und diagnostische Aspekte. In: Aktuelle Aspekte der Tumorummunologie in der Gynäkologie. W. Zuckschwerdt Verlag (1995). 3. Jennemann R, Sandhoff R, Langbein L, Kaden S, Rothermel U, Gallala H, et al. Integrity and barrier function of the epidermis critically depend on glucosylceramide synthesis. J Biol Chem. 2007 Feb 2;282(5):3083-94. Epub 2006 Dec 4. PubMed PMID: 17145749.