

BP5006**Polyclonal Antibody to Cytokeratin 5 - Serum**

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| Alternate names: | 58 kDa Cytokeratin, CK5, Cytokeratin-5, K5, KRT5, Keratin 5, Keratin type II cytoskeletal 5, Keratin-5 |
| Quantity: | 0.1 ml |
| Background: | Keratin K5 is expressed in the basal cells of the larynx, esophagus, trachea, bladder, prostate, cervix, vagina, breast acini, skin and sweat glands. In several studies the correlation between the expression of keratin K5 in different types of carcinomas (putatively derived from basal epithelial cells) and prognosis has been discussed (see references listed below). |
| Uniprot ID: | P13647 |
| NCBI: | NP_000415.2 |
| GenID: | 3852 |
| Host: | Guinea Pig |
| Immunogen: | Recombinant Human keratin K5. |
| Format: | State: Liquid Stabilized antiserum Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA |
| Applications: | Immunohistochemistry on Frozen Sections: 1/100. Immunohistochemistry on Paraffin Sections: 1/50. Western Blot: 1/5000-1/10000 (ECL). Cytological material. Incubation time: 1 h 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 reacts with basic keratin K5 (Mr 58 000; formerly also designated cytokeratin 5), expressed in basal and first suprabasal layers of epidermis. Highly specific staining pattern in human and murine skin. |
| Species Reactivity: | Tested: Human, Bovine and Mouse. |
| Add. Information: | This antibody shows weak unspecific background staining in mouse brain, kidney and lung tissue. |
| Storage: | Store the antibody 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). |