

Product datasheet for **BP5006**

Cytokeratin 5 (KRT5) Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	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.
Reactivity:	Bovine, Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Recombinant Human keratin K5.
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.
Formulation:	State: Serum State: Liquid Stabilized antiserum Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. Long term storage in aliquots at -20°C Avoid freeze/thaw cycles.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 5
Database Link:	Entrez Gene 3852 Human P13647



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- 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).
- Synonyms:** KRT5, Cytokeratin-5, Keratin-5, Keratin 5, CK5, K5
- Note:** This antibody shows weak unspecific background staining in mouse brain, kidney and lung tissue.