

bs-1060R**[Primary Antibody]**

Cytokeratin 5 Rabbit pAb

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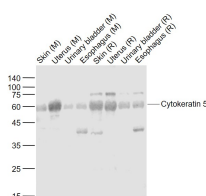
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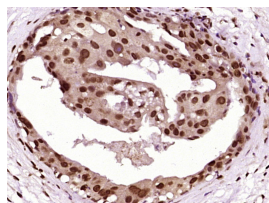
— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 3852 Target: Cytokeratin 5 Immunogen: KLH conjugated synthetic peptide derived from human CK5: 331-430/590. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Cytokeratins (CK) are intermediate filaments of epithelial cells, both in keratinising tissue (ie., skin) and non keratinising cells (ie., mesothelial cells). Although not a traditional marker for endothelial cells, cytokeratins have also been found in some microvascular endothelial cells. At least 20 different cytokeratins (CK) in the molecular range of 40 to 70 kDa and isoelectric points of 5 to 8.5 can be identified using two dimensional gel electrophoresis. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). At least one member of the acidic family and one member of the basic family is expressed in all epithelial cells. Defects in KRT5 are a cause of epidermolysis bullosa simplex.	Isotype: IgG SWISS: P13647	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 64 kDa Subcellular Location: Extracellular matrix, Cytoplasm, Nucleus
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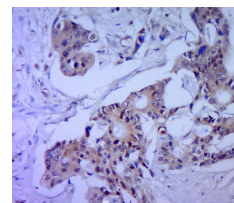
— VALIDATION IMAGES —



Sample: Lane 1: Skin (Mouse) Lysate at 40 ug
Lane 2: Uterus (Mouse) Lysate at 40 ug Lane 3:
Urinary bladder (Mouse) Lysate at 40 ug Lane 4:
Esophagus (Mouse) Lysate at 40 ug Lane 5: Skin
(Rat) Lysate at 40 ug Lane 6: Uterus (Rat) Lysate
at 40 ug Lane 7: Urinary bladder (Rat) Lysate at
40 ug Lane 8: Esophagus (Rat) Lysate at 40 ug
Primary: Anti-Cytokeratin 5 (bs-1060R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 62 kD Observed band size: 60 kD



Paraformaldehyde-fixed, paraffin embedded
(human breast carcinoma); Antigen retrieval by
boiling in sodium citrate buffer (pH6.0) for
15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking
buffer (normal goat serum) at 37°C for 30min;
Antibody incubation with (Cytokeratin 5)
Polyclonal Antibody, Unconjugated (bs-1060R)
at 1:400 overnight at 4°C, followed by operating
according to SP Kit(Rabbit) (sp-0023)
instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded
(human cervical cancer); Antigen retrieval by
boiling in sodium citrate buffer (pH6.0) for
15min; Block endogenous peroxidase by 3%
hydrogen peroxide for 20 minutes; Blocking
buffer (normal goat serum) at 37°C for 30min;
Antibody incubation with (Cytokeratin 5)
Polyclonal Antibody, Unconjugated (bs-1060R)
at 1:400 overnight at 4°C, followed by a
conjugated secondary (sp-0023) for 20 minutes
and DAB staining.

— SELECTED CITATIONS —

- **[IF=14.1]** Jiaqi Qin. et al. Bionic Microneedle Patch Inspired by Drosophila Tarsal Paws Boosts Healing in Bacterial Infectious Stomatitis. ADV SCI. 2025 Jun;;e00432 IF ;Rat. 40548949
- **[IF=13.6]** Zhou Zhu. et al. Blue-ringed octopus-inspired microneedle patch for robust tissue surface adhesion and active injection drug delivery. SCI ADV. 2023 Jun;9(25) IHC ;Rabbit. 37343097

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=10.2]** Fei Sun. et al. In Situ Vascularization and Epithelialization of Segmental Bioengineered Trachea Based on Marrow-Derived Stem/Progenitor Cells. MATER TODAY BIO. 2025 Jun;;101990 IF ;Rabbit. 40605986
- **[IF=10.269]** Zhang, Xuefei. et al. A multifunctional cholesterol-free liposomal platform based on protopanaxadiol for alopecia therapy. NANO RES. 2022 Jul;;1-13 IF ;Mouse. 10.1007/s12274-022-4710-y
- **[IF=8.077]** Wang Liying. et al. SARS-CoV-2 ORF10 impairs cilia by enhancing CUL2ZYG11B activity. J CELL BIOL. 2022 Jul;221(7):e202108015. Other ;. 35674692