

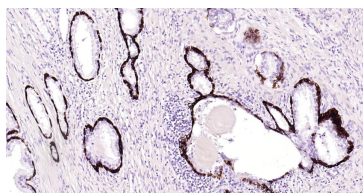
bsm-52054R**[Primary Antibody]****KRT14/CK-14 Recombinant Rabbit mAb****Bioss**
ANTIBODIES

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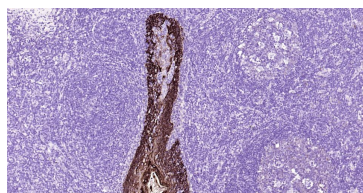
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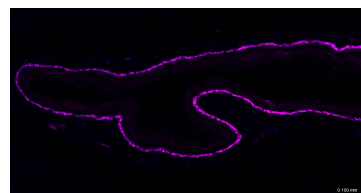
400-901-9800

— DATASHEET —**Host:** Rabbit**Clonality:** Recombinant**GeneID:** 3861**Target:** KRT14/CK-14**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:** This gene encodes a member of the keratin family, the most diverse group of intermediate filaments. This gene product, a type I keratin, is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells. Mutations in the genes for these keratins are associated with epidermolysis bullosa simplex. At least one pseudogene has been identified at 17p12-p11. [provided by RefSeq].**Isotype:** IgG**CloneNo.:** 2F11**SWISS:** P02533**Applications:** IHC-P (1:200-1000)**IHC-F** (1:200-1000)**IF** (1:200-1000)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 52 kDa**Subcellular
Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

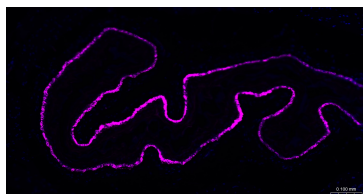
Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 14 Monoclonal Antibody, Unconjugated(bsm-52054R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 14 Monoclonal Antibody, Unconjugated(bsm-52054R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Rat Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Cytokeratin 14 Monoclonal Antibody, Unconjugated (bsm-52054R) at 1:500 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Rose Red, bs-0295G-BF647), DAPI (blue, C02-04002) was used to stain the cell nuclei.



Paraformaldehyde-fixed, paraffin embedded Mouse Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Cytokeratin 14 Monoclonal Antibody, Unconjugated (bsm-52054R) at 1:500 overnight at 4°C. Followed by conjugated Goat Anti-Rabbit IgG antibody (Rose Red, bs-0295G-BF647), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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

— SELECTED CITATIONS —

- **[IF=10]** Cai Yuchen. et al. DHCR24 Deficiency Drives Age-Related Meibomian Gland Dysfunction by Regulating Lipid Metabolic Imbalance and Cytosolic mtDNA-Induced cGAS-STING Activation. INT J BIOL SCI. 2026 Mar;22(7):3886-3908 IF ;Mouse. 42003925
- **[IF=4.141]** Hongyu Wang. et al. Recombinant Oil-Body-Expressed Oleosin-hFGF5 in Arabidopsis thaliana Regulates Hair Growth. GENES-BASEL. 2023 Jan;14(1):21 IHC,WB ;Mouse. 36672762
- **[IF=4.1]** Tianyi Zhou. et al. Integrated transcriptome and proteome analysis identifies keratins as key regulators of corneal scarring in a murine model. COMPUT STRUCT BIOTEC. 2025 Jan;27:2264 IF ;Mouse. 40520593
- **[IF=3.6]** Li Haiyang. et al. Identification of ferroptosis-related proteins in ameloblastoma based on proteomics analysis. J CANCER RES CLIN. 2023 Sep;1-11 ICC ;Human. 37725241