# bsm-52054R

# [ Primary Antibody ]

# KRT14/CK-14 Recombinant Rabbit mAb



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#### DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Recombinant CloneNo.: 2F11

GeneID: 3861 SWISS: P02533

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].

**Applications: IHC-P** (1:200-1000)

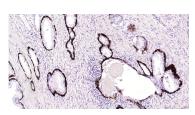
IHC-F (1:200-1000) IF (1:200-1000)

Reactivity: Human, Mouse, Rat

Predicted MW.: 52 kDa

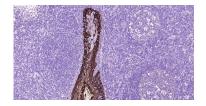
Subcellular Cytoplasm ,Nucleus

### VALIDATION IMAGES -



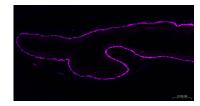
Paraformaldehyde-fixed, paraffin embedded Human Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 14 Monoclonal Antibody,

Unconjugated(bsm-52054R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

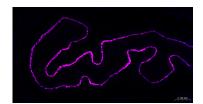


Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 14 Monoclonal Antibody,

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



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.

## - SELECTED CITATIONS -

- [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=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
- [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