

bsm-52059R**[Primary Antibody]****Bioss**
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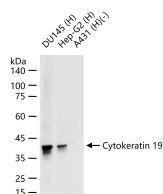
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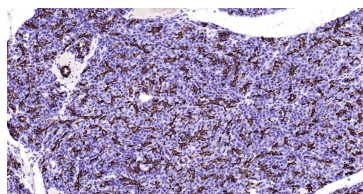
400-901-9800

Cytokeratin 19 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 2F3**GeneID:** 3880**SWISS:** P08727**Target:** Cytokeratin 19**Immunogen:** A synthesized peptide derived from human Cytokeratin 19: 370-400.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

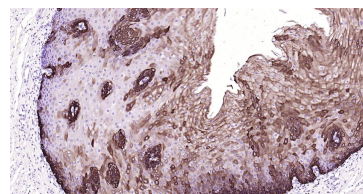
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.**Applications:** WB (1:1000-5000)**IHC-P** (1:500-1000)**IHC-F** (1:500-1000)**IF** (1:200-1000)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat**Predicted**
MW.: 44 kDa**Subcellular** Extracellular matrix ,Cell
Location: membrane ,Cytoplasm**— VALIDATION IMAGES —**

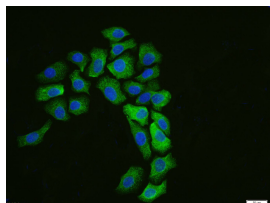
25 ug total protein per lane of various lysates (see on figure) probed with Cytokeratin 19 polyclonal antibody, unconjugated (bsm-52059R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



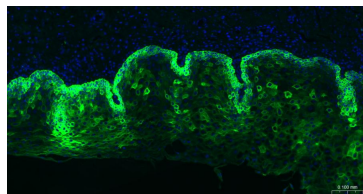
Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 19 Monoclonal Antibody, Unconjugated (bsm-52059R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 19 Monoclonal Antibody, Unconjugated (bsm-52059R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



HepG2 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (Cytokeratin 19) monoclonal Antibody, Unconjugated (bsm-52059R) 1:100, 90 minutes at 37°C;



Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 19 Monoclonal Antibody, Unconjugated (bsm-52059R) at 1:200 overnight at 4°C.

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

followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

Followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

— SELECTED CITATIONS

- **[IF=6.7]** Li Tianqi. et al. Endometrial mesenchymal stromal/stem cells improve regeneration of injured endometrium in mice. BIOL RES. 2024 Dec;57(1):1-15 IHC ;Mouse. 38347646