

bsm-52063R**[Primary Antibody]**

Cytokeratin 5 Recombinant Rabbit mAb

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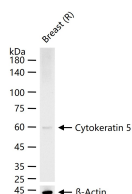
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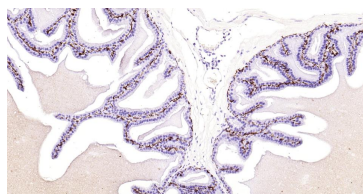
— DATASHEET —

Host: Rabbit**Clonality:** Recombinant**GeneID:** 3852**Target:** Cytokeratin 5**Immunogen:** A synthesized peptide derived from human Cytokeratin 5: 550-590.**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**CloneNo.:** 2H5**SWISS:** P13647**Applications:** **WB** (1:1000-5000)
IHC-P (1:500-2000)
IHC-F (1:200-1000)
IF (1:200-1000)
ICC/IF (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted**
MW.: 64 kDa**Subcellular** Extracellular matrix
Location: ,Cytoplasm ,Nucleus

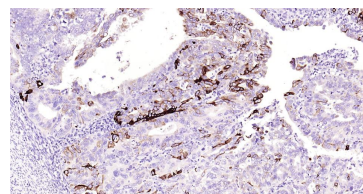
— VALIDATION IMAGES —



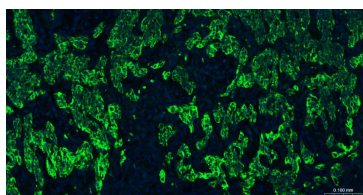
25 ug total protein per lane of various lysates (see on figure) probed with Cytokeratin 5 monoclonal antibody, unconjugated (bsm-52063R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



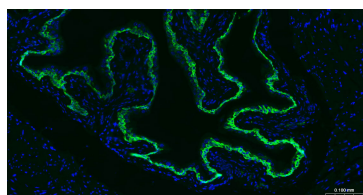
Paraformaldehyde-fixed, paraffin embedded Mouse Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 5 Monoclonal Antibody, Unconjugated (bsm-52063R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Endometrial Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 5 Monoclonal Antibody, Unconjugated (bsm-52063R) at 1:500 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 5 Monoclonal Antibody, Unconjugated (bsm-52063R) at 1:200 overnight at 4°C.



Paraformaldehyde-fixed, paraffin embedded Mouse Bladder; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 5 Monoclonal Antibody, Unconjugated (bsm-52063R) 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 conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-BF488), DAPI (blue, C02-04002) was used to stain the cell nuclei.

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