

**bsm-34181M****[ Primary Antibody ]**

## Cytokeratin 5 Mouse mAb

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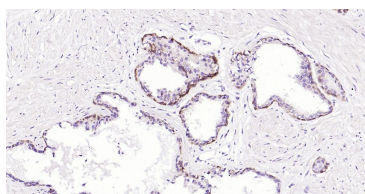
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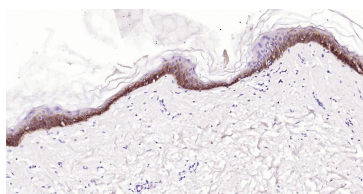
### — DATASHEET —

<b>Host:</b> Mouse	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:200-500) IHC-F (1:200-500) IF (1:200-500)  <b>Reactivity:</b> Human   <b>Predicted MW.:</b> 64 kDa  <b>Subcellular Location:</b> Extracellular matrix, Cytoplasm, Nucleus
<b>Clonality:</b> Monoclonal	<b>CloneNo.:</b> 12H10	
<b>GeneID:</b> 3852	<b>SWISS:</b> P13647	
<b>Target:</b> Cytokeratin 5		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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.		

### — 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 5 Monoclonal Antibody, Unconjugated(bsm-34181M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Cytokeratin 5 Monoclonal Antibody, Unconjugated(bsm-34181M) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Mouse, sp-0024) and DAB (C-0010) staining.