

**bs-10708R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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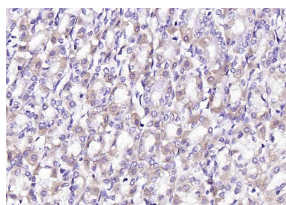
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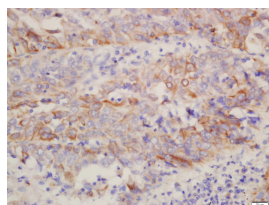
400-901-9800

**Cytokeratin 3 Rabbit pAb****— DATASHEET —**

|   |                      |   |
|---|----------------------|---|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> IHC-P (1:100-500)                          |
| <b>Clonality:</b> Polyclonal  |                      | <b>IHC-F</b> (1:100-500)  |
| <b>GeneID:</b> 3850   | <b>SWISS:</b> P12035 | <b>IF</b> (1:100-500)   |
| <b>Target:</b> Cytokeratin 3  |                      | <b>Reactivity:</b> Human, Rat<br>(predicted: Mouse)             |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Cytokeratin 3: 41-140/628.  |                      |   |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Predicted MW.:</b> 64 kDa                                    |
| <b>Concentration:</b> 1mg/ml  |                      | <b>Subcellular Location:</b> Extracellular matrix<br>;Cytoplasm |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |   |
| <b>Background:</b> The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the corneal epithelium with family member KRT12 and mutations in these genes have been associated with Meesmann's Corneal Dystrophy. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. [provided by RefSeq, Jul 2008] |                      |   |

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Cytokeratin 3) Polyclonal Antibody, Unconjugated (bs-10708R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Cytokeratin 3 Polyclonal Antibody, Unconjugated (bs-10708R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=11.061]** Shuo Jia. et al. Digital light processing-bioprinted poly-NAGA-GelMA-based hydrogel lenticule for precise refractive errors correction. BIOFABRICATION. 2023 Apr;: IF ;Human. 37019117
- **[IF=3.315]** Li Z et al. Rapid Differentiation of Multi-Zone Ocular Cells from Human Induced Pluripotent Stem Cells and Generation of Corneal Epithelial and Endothelial Cells. Stem Cells Dev. 2019 Mar 5. IF ;Human. 30712489