**bs-23915R** **[ Primary Antibody ]**

# MUC5B Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 727897 **SWISS:** Q9HC84

**Target:** MUC5B

**Immunogen:** KLH conjugated synthetic peptide derived from human MUC5B: 1151-1250/5763.

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/1ml

**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:**
Tumor Markers

Mucins are high molecular mass, highly glycosylated macromolecules that are the major components of mucus secretions. MUC5B is a salivary mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva. It is composed of 14.9% protein, 78.1% carbohydrate, and 7% sulfate (Troxler et al., 1995 [PubMed 8554565]).[supplied by OMIM]

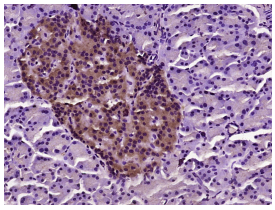
**Applications:** **IHC-P** (1:100-500)
**IHC-F** (1:100-500)
**IF** (1:100-500)

**Reactivity:** Rat (predicted: Human, Mouse)

**Predicted MW.:** 630 kDa

**Subcellular Location:** Secreted

## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat pancreas); 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; Antibody incubation with (MUC5B) Polyclonal Antibody, Unconjugated (bs-23915R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

## SELECTED CITATIONS


- **[IF=7.901]** Zeng Z et al. Stimuli-Responsive Self-assembled Dendrimers for Oral Protein Delivery. J Control Release. 2019 Oct 28;315:206-213. ICC ;Human. 31672623
- **[IF=7.727]** Xue Wang. et al. Engineered liposomes targeting the gut–CNS Axis for comprehensive therapy of spinal cord injury. J Control Release. 2021 Mar;331:390 IF ;Human. 33485884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