

## Disease Markers: Mucin 5B Monoclonal Antibodies

Tech ID: 11357 / UC Case 2002-503-0

### ABSTRACT

Two new monoclonal antibodies, including Mucin 5B antibodies which can be used as markers to study cancers as well as airway diseases

### FULL DESCRIPTION

Two new monoclonal antibodies against human mucin 5B (MUC5B) have been developed by University of California, Davis investigators.

### APPLICATIONS

- ▶ Markers to study cancer and airway diseases such as chronic obstructive pulmonary disease (COPD)

### FEATURES/BENEFITS

- ▶ Are made against the peptide sequence, not the carbohydrates, of mucin 5B
- ▶ Are made against the N-terminal and central regions of the mucin 5B protein
- ▶ Are specific to mucin 5B
- ▶ Do not cross-react with other species

### RELATED TECHNOLOGIES

- ▶ [Mucin-Specific Monoclonal Antibodies](#)

### ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- ▶ [Controlling Tumor Growth And Malignancy](#)
- ▶ [Peptide Inhibitors of Idiopathic Pulmonary Fibrosis](#)
- ▶ [Suppression of Allergic Lung Inflammation and Hyperactivity](#)
- ▶ [Mucin-Specific Monoclonal Antibodies](#)

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### INVENTORS

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- ▶ Zhao, Yuhua

### OTHER INFORMATION

#### CATEGORIZED AS

- ▶ **Biotechnology**
  - ▶ Proteomics
- ▶ **Medical**
  - ▶ Disease: Cancer
- ▶ **Research Tools**
  - ▶ Reagents

#### RELATED CASES

2002-503-0

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