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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](#)

CONTACT

Prabakaran Soundararajan
psoundararajan@ucdavis.edu
tel: .



INVENTORS

- ▶ Chen, Yin
- ▶ Wu, Reen
- ▶ Zhao, Yuhua

OTHER INFORMATION

CATEGORIZED AS

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

RELATED CASES

2002-503-0

University of California, Davis
InnovationAccess
1850 Research Park Drive, Suite 100, ,
Davis,CA 95618

Tel: 530.754.8649
innovationAccess@ucdavis.edu
research.ucdavis.edu/u/s/ia
Fax: 530.754.7620

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