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Monoclonal Antibody 703D4

National Cancer Institute

Source

National Cancer Institute. *Monoclonal Antibody 703D4*. NCI Thesaurus. Code C2106.

A monoclonal antibody which recognizes the heterogeneous nuclear ribonucleoprotein (hnRNP) A2/B1, a potential epithelial marker in the detection of early lung cancer, on cell surfaces. This protein is responsible for posttranscriptional regulation of gene expression by capping, splicing, polyadenylation, and cytoplasmic transport of mRNAs. Its detection in bronchial lavage specimens was shown to predict predicts the presence of a neoplasm with 96% sensitivity and 82% specificity earlier than routine chest X rays or sputum cytology. (NCI)