



# Cytokeratin 20 Antibody

## Mouse Monoclonal Antibody

CK-20 positivity was seen in many adenocarcinomas of the colon (89/93 cases), mucinous ovarian tumors, transitional-cell and Merkel-cell carcinomas and frequently also in adenocarcinomas of the stomach, bile system, and pancreas. Most squamous cell carcinomas in general and most adenocarcinomas from other sites (breast, lung, endometrium), non mucinous tumors of the ovary, and small-cell lung carcinomas were essentially or completely negative. The authors propose to use CK 20 as a diagnostic marker valuable in distinguishing different types of carcinomas, notably when presenting as metastases.

| Antibody Name  | Cat. No           | Clone  | Type                | Localization     | Format                       | Regulatory |
|----------------|-------------------|--------|---------------------|------------------|------------------------------|------------|
| Cytokeratin 20 | Mob123/<br>PDM125 | Ks20.8 | Mouse<br>Monoclonal | Cell<br>membrane | Concentrated &<br>Prediluted | IVD        |

### Why CK20

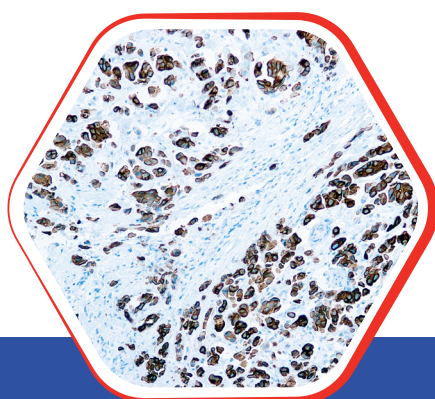


- To distinguish primary lung carcinoma (CK7+/CK20-) from metastatic colonic carcinoma to lung (CK7- / CK20+)
- To help distinguish colon carcinoma (80% are CK20+) and poorly differentiated prostatic carcinoma (90% are CK20-) at biopsy
- To distinguish Merkel cell carcinoma (CK20+, dot-like, TTF1-) and metastatic small cell carcinoma of lung (CK20-, TTF1+)

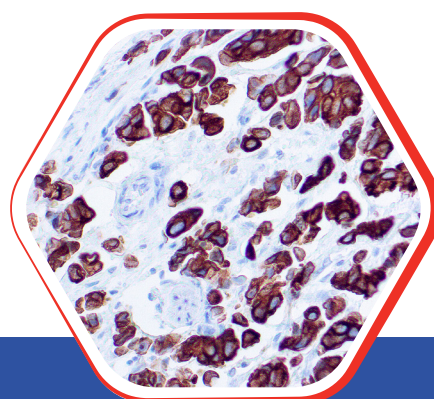


### Nordic Immunohistochemical Quality Control Assessment of Cytokeratin 20

Assessment 62- individual results: **Good**



Fomalin fixed paraffin  
embedded human Colon Ca.  
stained with CK20 10x



Fomalin fixed paraffin  
embedded human Colon Ca.  
stained with CK20 25x

### Diagnostic BioSystems

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