

## Mouse anti-Cytokeratin 5&amp;6, clone D5/16B4

Clone no. D5/16B4

MONOSAN Ready To Use

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|                           |   |
|---------------------------|---|
| Product name              | Mouse anti-Cytokeratin 5&6, clone D5/16B4                         |
| Host                      | Mouse   |
| Applications              | IHC-P   |
| Species reactivity        | human   |
| Conjugate                 | -   |
| Immunogen                 | Unknown or proprietary to MONOSAN and/or its suppliers            |
| Isotype                   | IgG1  |
| Clonality                 | Monoclonal  |
| Clone number              | D5/16B4   |
| Size                      | 7 ml  |
| Concentration             | n/a   |
| Format                    | -   |
| Storage buffer            | Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide |
| Storage until expiry date | 2-8°C   |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Anti-CK 5/6 positivity is seen in nearly 100% of malignant mesotheliomas and in nearly 0% of lung adenocarcinomas. Anti-CK 5/6 positivity can be seen in undifferentiated large cell carcinoma as well as squamous carcinoma, and has been useful in recognizing spindle cell squamous cell carcinoma of the skin. Less than 10% of carcinomas of the breast, colon, and prostate stain positively for this marker. Anti-CK 5/6 has also been used successfully as a myoepithelial cell marker in the prostate and breast to determine malignancy.

**References**

1. Ordonez NG. Am J Surg Pathol 1998; 22(10):1215-1221
2. Abarahams NA et al. Am J Clin Pathol. 2003 Sep;120(3):368-76
3. Reis-Filho JS et al. Virchows Arch. 2003 Aug;443(2):122-32
4. Lin L et al. J Cutan Pathol. 2003 Feb;30(2):114-7
5. Otterbach F et al. Histopathology. 2000 Sep;37(3):232-40

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