abcam

Product datasheet

Anti-pan Cytokeratin antibody [B311.1] ab8474

概述

产品名称	Anti-pan Cytokeratin抗体[B311.1]
描述	小鼠单克隆抗体[B311.1] to pan Cytokeratin
宿主	Mouse
特异性	This antibody recognizes keratin polypeptides with molecular weights of 59, 58, 56, 52.5, 56.5, 54 and 45 kD, which correspond to cytokeratins 4,5,6,8,10,13 and 18.
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Other Immunogen Type corresponding to Human pan Cytokeratin. Keratin fraction isolated from cultured cell line A-431, epidermoid carcinoma of vulva.
阳性对照	Skin, Colonic Carcinoma.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	B311.1
同种型	IgG1

靶标

相关性	Cytokeratins, a group comprising at least 29 different proteins, are characteristic of epithelial and trichocytic cells. Cytokeratins 1, 4, 5, 6, and 8 are members of the type II neutral to basic subfamily. Monoclonal anti cytokeratins are specific markers of epithelial cell differentiation and have been widely used as tools in tumor identification and classification. Monoclonal Anti Pan Cytokeratin is a broadly reactive reagent, which recognizes epitopes present in most human epithelial tissues. It facilitates typing of normal, metaplastic and neoplastic cells. Synergy between the various components results in staining amplification. This enables identification of cells, which

would otherwise be stained only marginally. The mixture may aid in the discrimination of carcinomas and nonepithelial tumors such as sarcomas, lymphomas and neural tumors. It is also useful in detecting micrometastases in lymph nodes, bone marrow and other tissues and for determining the origin of poorly differentiated tumors. There are two types of cytokeratins the acidic type I cytokeratins and the basic or neutral type II cytokeratins. Cytokeratins are usually found in pairs comprising a type I cytokeratin and a type II cytokeratin. Usually the type II cytokeratins are 8kD larger than their type I counterparts.

细胞定位	Cytoplasmic

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