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30-1045: Anti-Cytokeratin 18 Monoclonal Antibody (Clone:DA-7)

Clonality: Monoclonal

 Clone Name :
 DA-7

 Application :
 IP

 Reactivity :
 Human

 Gene :
 KRT18

 Gene ID :
 3875

 Uniprot ID :
 P05783

Alternative Name: KRT18,CYK18,PIG46

Isotype: Mouse IgG1

Immunogen Information: Human breast carcinoma cell line PMC-42.

Purified

Description

Format:

Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families. Cytokeratins 18 belongs to type I family (acidic cytokeratins).

Product Info

Amount: 0.1 mg

Purification: Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 µg/ml. Extracellular and intracellular staining.

Western blotting: Recommended dilution: 1-2 μ g/ml.Immunohistochemistry (paraffin sections): Recommended dilution: 10 μ g/ml; positive tissue: colon, skin. Immunocytochemistry: Positive control: MCF-7 human breast adenocarcinoma cell line, HeLa human cervix carcinoma cell line. ELISA: Positive control: MCF-7 human breast adenocarcinoma cell line; the antibody DA-7 has been tested as the detection antibody in a sandwich ELISA for analysis of Cytokeratin 18 in combination with the antibody C-04



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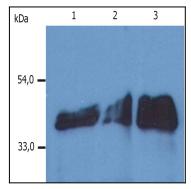


Figure 1:Western Blotting analysis (reducing conditions) of whole cell lysate using antihuman Cytokeratin 18 (DA-7). Lane 1: HeLa human cervix carcinoma cell line. Lane 2: A-431 human epidermoid carcinoma cell line. Lane 3: MCF-7 human breast adenocarcinoma cell line

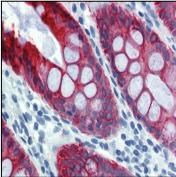


Figure 2: Immunohistochemistry staining of human colon (paraffin sections) using anticytokeratin 18 (clone DA-7).