

30-1038: Anti-Cytokeratin 5/8 Monoclonal Antibody (Clone:C-50)

Clonality :	Monoclonal
Clone Name :	C-50
Application :	IHC
Reactivity :	Human
Gene :	KRT18
Gene ID :	3875
Uniprot ID :	P05783
Format :	Purified
Alternative Name :	KRT18,CYK18,PIG46
Isotype :	Mouse IgG1
Immunogen Information :	Cytoskeleton preparation from HeLa cells.

Description

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.

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

Immunohistochemistry *Recommended dilution:*10 µg/ml

*Positive control:*Human prostate

Immunoprecipitation Western Blotting

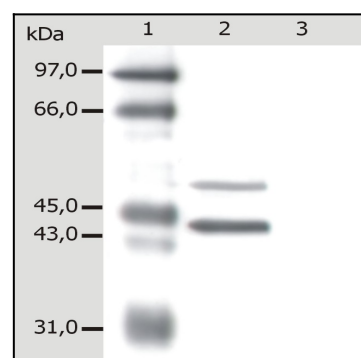


Figure 1:Western Blotting analysis of whole cell lysate of MCF-7 human breast adenocarcinoma cell line. Lane 1: MW standard. Lane 2: immunostaining with anti-cytokeratin 5/8 (clone C-50). Lane 3: immunostaining with Isotype mouse IgG1 control (PPV-06;)

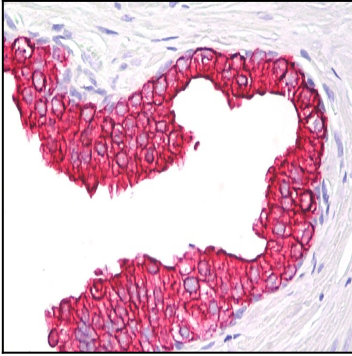


Figure 2: Immunohistochemistry staining of human prostate (paraffin section) using anti-cytokeratin 5+18 (clone C-50).