

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	C-50
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	KRT18
<b>Gene ID :</b>	3875
<b>Uniprot ID :</b>	P05783
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KRT18,CYK18,PIG46
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

**Immunohistochemistry** *Recommended dilution:*10 µg/ml

*Positive control:*Human prostate

**Immunoprecipitation Western Blotting**

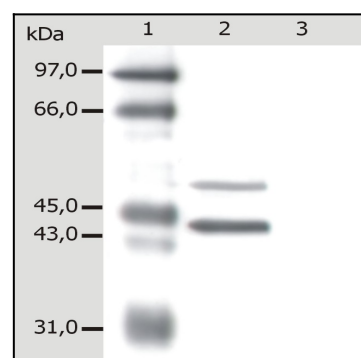


Figure 1:Western Blotting analysis of whole cell lysate of MCF-7 human breast adenocarcinoma cell line. Lane 1: MW standard. Lane 2: immunostaining with anti-cytokeratin 5/8 (clone C-50). Lane 3: immunostaining with Isotype mouse IgG1 control (PPV-06; )

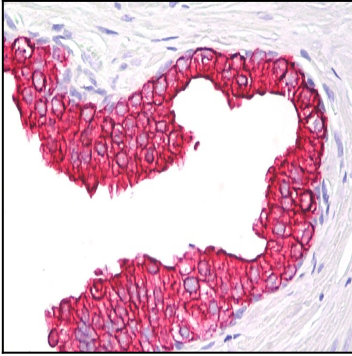


Figure 2: Immunohistochemistry staining of human prostate (paraffin section) using anti-cytokeratin 5+18 (clone C-50).