

## 10-6591: Mouse Monoclonal Antibody to CYK18 (C-term)(Clone: 695CT17.2.6)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	695CT17.2.6
<b>Application :</b>	IF, WB
<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>	Keratin, type I cytoskeletal 18, Cell proliferation-inducing gene 46 protein, Cytokeratin-18, CK-18, Keratin-18, K18, KRT18, CYK18
<b>Isotype :</b>	Mouse IgG3
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

### Product Info

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

IF~1:25|| WB~1:1000~2000

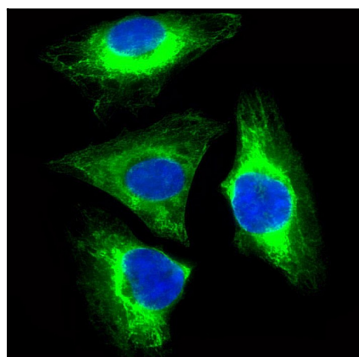


Figure 1: Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling Pdx1 with CYK18 Antibody (10-6591) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoskeleton staining on HeLa cell line. The nuclear counter stain is DAPI (blue).

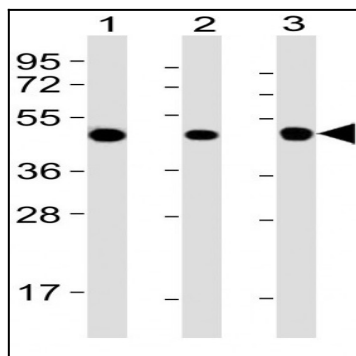


Figure 2: All lanes : Anti-CYK18 Antibody (10-6591) at 1:2000 dilution with Lane 1: HepG2 whole cell lysates, Lane 2: K562 whole cell lysates and Lane 3: NCI-H460 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa.

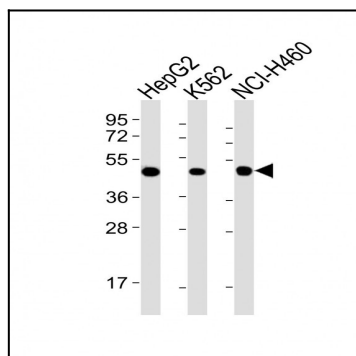


Figure 3: All lanes : Anti-CYK18 Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates, Lane 2: K562 whole cell lysates, Lane 3: NCI-H460 whole cell lysates, Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.

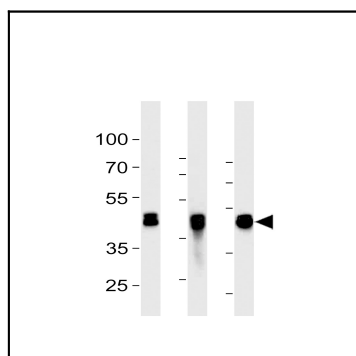


Figure 4: All lanes : Anti-CYK18 Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysate, Lane 2: K562 whole cell lysates, Lane 3: NCI-H460 whole cell lysates, Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa  
Blocking/Dilution buffer: 5% NFDm/TBST.