

Datasheet for ABIN1882229

anti-Cytokeratin 18 antibody[Go to Product page](#)**1** Image**2** Publications

Overview

Quantity:	400 µL
Target:	Cytokeratin 18 (KRT18)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CYK18 Monoclonal antibody is generated from mice immunized with a KLH conjugated synthetic peptide selected from the 400-430 region of human CYK18.
Clone:	695CT17-2-6
Isotype:	IgG3
Purification:	This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	CYK18 (KRT18 Products)
Background:	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

Target Details

	mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
Molecular Weight:	48058
NCBI Accession:	NP_000215 , NP_954657
UniProt:	P05783
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

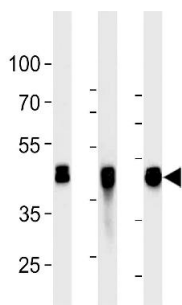
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

Product cited in:	Kulesh, Oshima: "Cloning of the human keratin 18 gene and its expression in nonepithelial mouse cells." in: Molecular and cellular biology , Vol. 8, Issue 4, pp. 1540-50, (1988) (PubMed).
	Oshima, Millán, Ceceña: "Comparison of mouse and human keratin 18: a component of intermediate filaments expressed prior to implantation." in: Differentiation; research in biological diversity , Vol. 33, Issue 1, pp. 61-8, (1987) (PubMed).



Western Blotting

Image 1. 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- 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.