

# Cytokeratin 18 Monoclonal Antibody(1B3)

Catalog # AP63349

## Product Information

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<b>Application</b>	WB, IF
<b>Primary Accession</b>	<a href="#">P05783</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Calculated MW</b>	48058

## Additional Information

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<b>Gene ID</b>	3875
<b>Other Names</b>	KRT18; CYK18; PIG46; Keratin, type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18
<b>Dilution</b>	WB~~WB: 1:1000 -3000 IF: 1:100-200 IF~~1:50~200
<b>Format</b>	PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	KRT18
<b>Synonyms</b>	CYK18
<b>Function</b>	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.
<b>Cellular Location</b>	Nucleus matrix {ECO:0000250 UniProtKB:Q5BJY9}. Cytoplasm, perinuclear region. Nucleus, nucleolus. Cytoplasm {ECO:0000250 UniProtKB:Q5BJY9}
<b>Tissue Location</b>	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.

## Background

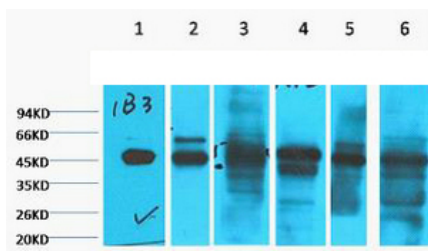
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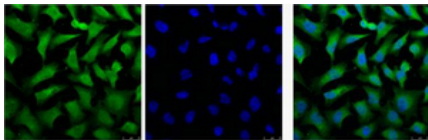
plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.

## Images

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Western blot analysis of 1) HepG2, 2) HeLa, 3) Mouse Liver tissue, 4) C2C12, 5) Rat Heart tissue, 6) Mouse Skeletal Muscle tissue, diluted at 1:2000.



IF analysis of HeLa, and DAPI (Right) diluted at 1:100.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.