

Cytokeratin 18 Mouse Monoclonal Antibody(2F7)

Catalog	TDY123C	TDY123F	Tel: 010-82908854
Quantity	50μL	100μL	Free: 400-0620-621
			Web: www.tdybio.com

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB	H, M	46KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

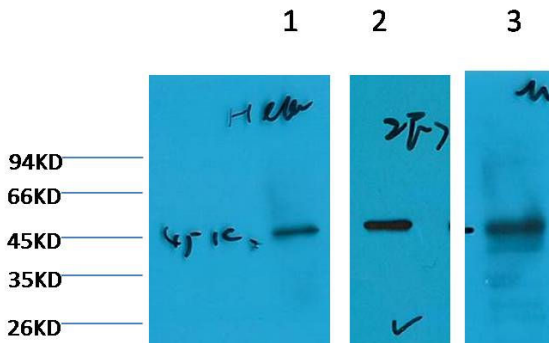
Recommended dilutions: WB: 1:500-1,000

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous Cytokeratin 18 protein.

Alternative Names: Cell proliferation inducing gene 46 protein, CK 18, CYK 18, K 18, Keratin 18, Ketatin D, KRT18

Background: Keratin 18 is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. Keratin 18 is often used together with keratin 8 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.



Western blot analysis of 1) HeLa, 2) HepG2, 3) Mouse Skeletal Muscle tissue with Cytokeratin 18 Mouse MAb (2F7) diluted at 1:1,000.