



# ELK Biotechnology

## Cytokeratin 18 Rabbit pAb

Catalog NO.: EA056

For research use only.

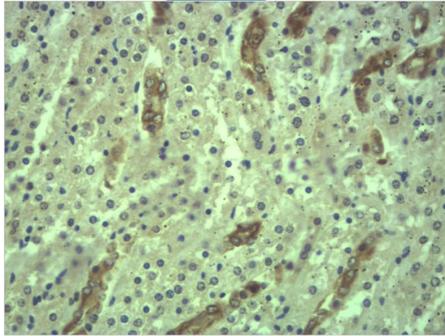
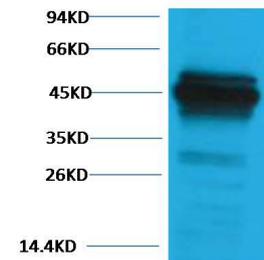
### Overview

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Product name	Cytokeratin 18 Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB, IHC</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/500-1000</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>46kDa</b>
GeneID (Human)	3875
Human Swiss-Prot No.	P05783
Cellular localization	Cytoplasm, Intermediate filament, Keratin, Nucleus
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 Hela with EA056 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using Cytokeratin 18(EA056) Rabbit pAb diluted at 1:500.