

## Cytokeratin 18 Rabbit mAb (AR1208)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	48kD (Calculated) 48kD (Observed)

### Recommended Dilution Ratios

IHC:	1:2000-5000
WB:	1:1000-5000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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### Basic Information

Clonality	Monoclonal
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### Immunogen Information

Specificity	Endogenous
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### Target Information

Gene name	KRT18
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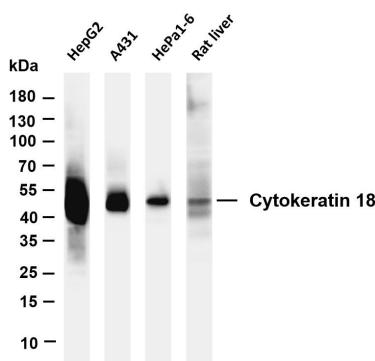
Protein Name	Keratin type I cytoskeletal 18
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Organism	Gene ID	UniProt ID
Human	3875	P05783
Mouse	16668	P05784
Rat	294853	Q5BJY9

Cellular Localization	Cytoplasm
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Tissue specificity	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.
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## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Cytokeratin 18 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: HepG2

Lane 2: A431

Lane 3: Hepa1-6

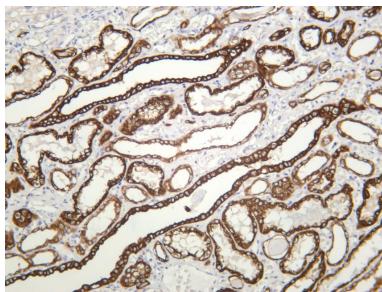
Lane 4: Rat liver

Predicted band size: 48kDa

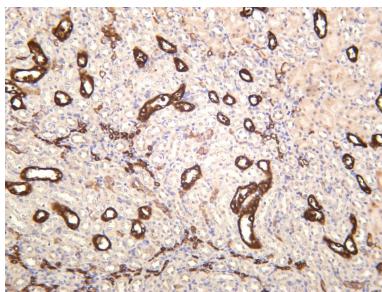
Observed band size: 48kDa



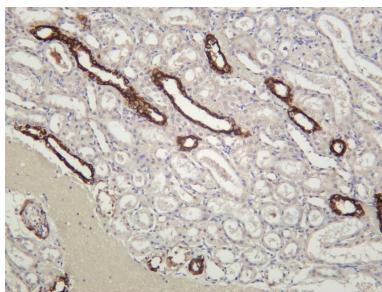
Human colon was stained with anti-Cytokeratin 18 rabbit antibody



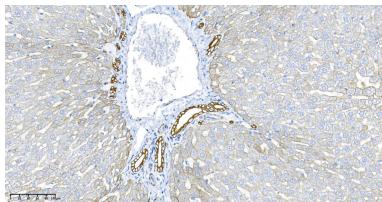
Human kidney was stained with anti-Cytokeratin 18 rabbit antibody



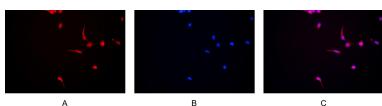
Mouse kidney was stained with anti-Cytokeratin 18 rabbit antibody



Rat kidney was stained with anti-Cytokeratin 18 rabbit antibody



Rat liver was stained with anti-Cytokeratin 18 Rabbit antibody



Immunofluorescence analysis of HEK293. Picture A: Cytokeratin 18 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

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