

Recombinant Anti-Cytokeratin 18 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA1005	Rabbit	H, M, R	WB, IH
Description	Recombinant rabbit monoclonal antibody to Cytokeratin 18		
Immunogen	Recombinant fusion protein of human Cytokeratin 18. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Cytokeratin 18 protein.		
Clonality	Monoclonal		
Conjugation			
Form	Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	KRT18		
Alternative Names	CYK18; Keratin, type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18		
Entrez Gene	3875 (Human); 16668 (Mouse); 294853 (Rat)		
SwissProt	P05783 (Human); P05784 (Mouse); Q5BJY9 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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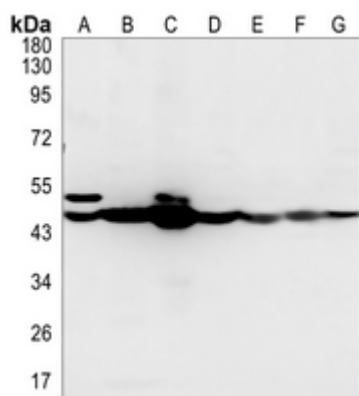
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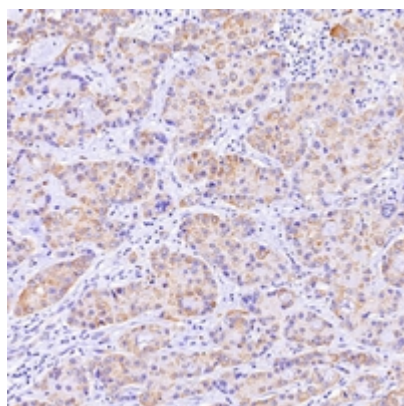
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Product Data Sheet



Western blot analysis of Cytokeratin 18 expression in HEK293T (A), EC9706 (B), SGC7901 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 48 kD)



Immunohistochemical analysis of Cytokeratin 18 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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