

## Recombinant Anti-Cytokeratin 18 Rabbit mAb Product Manual

Cat No: GMA1005

Source: Rabbit

Reactivity: H, M, R

Applications: WB, IH

\*Application 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

\*Species Reactivity 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

### Datasheet

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.

Clonality: Monoclonal

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 (Human): 3875;

Entrez Gene (Mouse): 16668;

Entrez Gene (Rat): 294853;

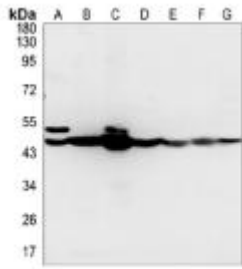
SwissProt (Human): P05783;

SwissProt (Mouse): P05784;

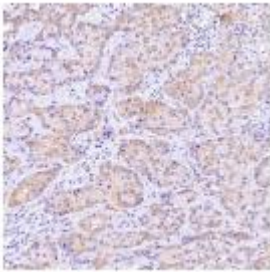
SwissProt (Rat): Q5BJY9;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

## Validation



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.

