

Recombinant Anti-Cytokeratin 7 Rabbit mAb [KO/KD Validated]

Product Manual

Cat No: GMA1007

Source: Rabbit

Reactivity: H

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 7

Immunogen: Recombinant fusion protein of human Cytokeratin 7. 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: KRT7

Alternative Names: SCL; Keratin, type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7

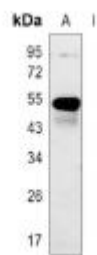
Entrez Gene (Human): 3855;

SwissProt (Human): P08729;

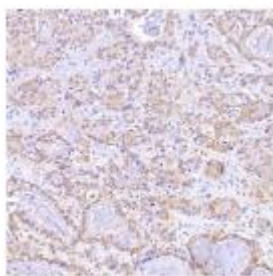
Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

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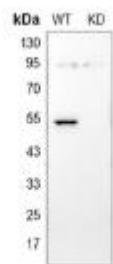
Validation



Western blot analysis of Cytokeratin 7 expression in SGC7901 (A) whole cell lysates. (Predicted band size: 51 kD; Observed band size: 54 kD)



Immunohistochemical analysis of Cytokeratin 7 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.



Western blot analysis of Cytokeratin 7 expression in wild type (WT) and knockdown (KD) HeLa cell lysates.

