



KRT19 Mouse Monoclonal Antibody

E10-30226

Background: The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21.

Catalog Number: E10-30226

Amount: 100µg/100µl

Clone Number: 1H6

Species: Mouse IgG1

MW: 41kDa

Aliases: K19; CK19; K1CS; MGC15366

Entrez Gene: 3880

Immunogen: Purified recombinant fragment of human KRT19 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at -20 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, ELISA: Propose dilution 1/10000.

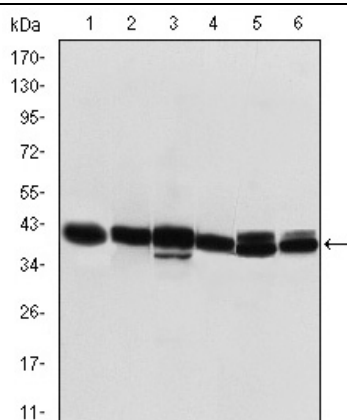


Figure 1: Western blot analysis using KRT19 mouse mAb against T47D (1), MCF-7 (2), SKBR-3 (3), HepG2 (4), Caco-2 (5) and SW620 (6) cell lysate.

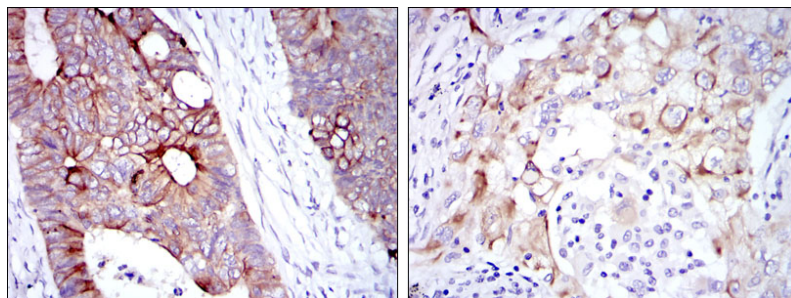
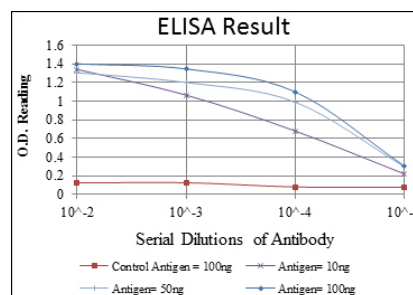


Figure 2: Immunohistochemical analysis of paraffin-embedded rectum cancer tissues (left) and lung cancer tissues (right) using KRT19 mouse mAb with DAB staining.



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