



## Cytokeratin19 Mouse Monoclonal Antibody

E10-20297

**Background:** Cytokeratin 19, also known as KRT19, CK19, CK19, K1CS, MGC15366. Entrez Protein NP\_002267. It 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.

**Catalog Number:** E10-20297

**Amount:** 100µg/100µl

**Clone Number:** 4F12G9

**Species:** Mouse IgG1

**MW:** 44kDa

**Aliases:** CK19; K1CS; MGC15366; KRT19

**Entrez Gene:** 3880

**Immunogen:** Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli strain.

**Storage:** Store at 4 °C for long term storage, store at 20-25 °C for short term storage

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** WB, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

**Application notes:** WB:1/500 - 1/2000.ELISA: Propose dilution 1/10000.

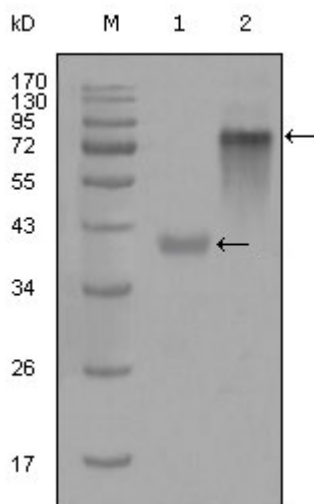


Figure 1: Western blot analysis using KRT19 mouse mAb against truncated KRT19-His recombinant protein (1) and full-length KRT19(aa1-400)-hlgGfc transfected CHO-K1 cell lysate(2).

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