## Cytokeratin 19 Ab

References(1) Images(2)

Cat.#: BF0197 Concn.: ~1mg/ml Mol.Wt.: 44kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000

\*The optimal dilutions should be determined by the end user.

Reactivity: Human

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human Cytokeratin 19 expressed in E.

Coli.

Uniprot: P08727

Description: 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.

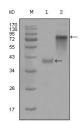


Figure 1: Western blot analysis using KRT19 mouse mAb against truncated KRT19-His recombinant protein (1) and full-length KRT19(aa1-400)-hIgGFc

transfected CHO-K1 cell lysate(2).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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