

Cytokeratin 5 Ab

[Images\(1\)](#)

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|---------------|--|-----------------------|
| Cat.#: BF0108 | Concn.: ~1mg/ml | Mol.Wt.: 62kDa |
| Size: | Source: Mouse | Clonality: Monoclonal |
| Application: | ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000 *The optimal dilutions should be determined by the end user. | |
| Reactivity: | Human | |
| Storage: | Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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 5 expressed in E. Coli. | |
| Uniprot: | P13647 | |
| Description: | CK5 (keratin 5) is a member of the keratin gene family. Biochemically, most members of the CK family fall into one of two classes, type I (acidic polypeptides) and type II (basic polypeptides). The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. The type II cytokeratins are clustered in a region of chromosome 12q12-q13. | |



Figure 1: Western blot analysis using CK5 mouse mAb against truncated CK5 recombinant protein.

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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