



## Mouse monoclonal antibody to Cytokeratin 18 [CK-18]: IgG

- Catalogue No.:** M-1168-100
- Batch No.:** See product label
- Unit size:** 100 µg
- Antigen:** Human epidermal carcinoma A431 and MCF7 human breast cancer cell lines
- Other Names:** Keratin, type I cytoskeletal 18; Cytokeratin-18; CK-18; Keratin-18; K18; Cell proliferation-inducing gene 46 protein; KRT18; CYK18; PIG46;
- Produced in:** Mouse
- Purity:** IgG
- Applications:** Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 µg/ml is recommended for WB. Human Cytokeratin 18 has a predicted length of 430 amino acids and MW of 48 kDa. A concentration of 1.0-2.0 µg/ml is recommended to detect the protein in formalin fixed and paraffin embedded tissues. A concentration of 0.5-2.0 µg/ml is recommended to detect the protein in formalin/acetone fixed tissues.
- Specificity:** The specificity of this antibody has been confirmed by WB and IHC against the antigen.
- Cross-reactivity:** Human; rat;
- Form:** Liquid (0.5ml) in 50% glycerol, 0.9mg NaCl and 0.2mg Na<sub>2</sub>HPO<sub>4</sub>
- Reconstitution:** The liquid formulation should be diluted in PBS (pH 7.4)
- Storage:** After reconstitution, aliquot and store at -20°C for a higher stability.  
Avoid freeze-thaw cycles.
- Expiry Date:** 12 months after purchase

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FOR RESEARCH USE ONLY