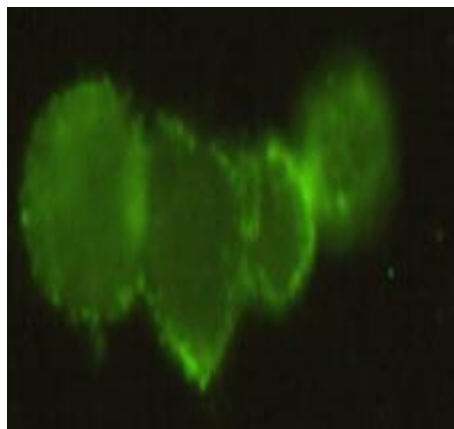




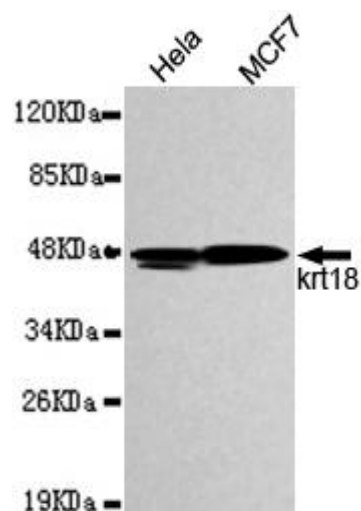
Keratin 18 Antibody

E2200493**Size** 100ug**Cat code** E2200493**Species Cross-reactivity** H**Key Application** WB: 1/500-1/2000; ELISA: 1/2000-1/5000; IHC: 1/50-1/200; ICC/FC: 1:50-1/200**Host** Mouse**Antibody type** Monoclonal antibody**Purified method** Affinity purified**Isotype** IgG2b**Molecular Weight** 48kDa**Sensitivity** This antibody detects endogenous levels of krt18 and does not cross-react with related proteins.**Immunogen** Purified recombinant human KRT18 protein fragments expressed in E.coli.**UniProt Number** P05783**GeneBank ID** x12881**Subcellular location** Cytoplasm ? perinuclear region**Formulation** Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol**Altername** Cell proliferation-inducing gene 46 protein;Cytokeratin-18;Keratin-18**Gene_symbol** K18; CYK18**UniPort summary Function** Involved in the uptake of thrombin-antithrombin complexes by hepatic cells By similarity. When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.**Entrez summary** KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.

For Research Use Only



Immunocytochemistry stain of HeLa using krt18 antibody (1:300).



Western blot detection of KRT18 in HeLa&MCF7 cell lysates and using KRT18 antibody (1:1000 diluted). Predicted band size: 48KDa Observed band size: 48KDa.