

Product Datasheet

Cytokeratin 18 Antibody



Catalog No: CY5028

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB, IHC, ICC/IF, FC

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Information

UniProt ID: P05783

All Names: Cell proliferation-inducing gene 46 protein; Keratin, type I cytoskeletal 18; Keratin-18; CYK18; cytokeratin 18; Cytokeratin-18; K18; K1C18; keratin 18; KRT18; cell proliferation-inducing protein 46; CK-18

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 46 kDa

Application

WB: 1:500~1:2000

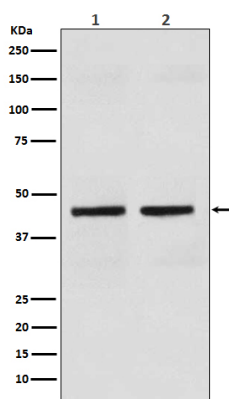
IHC: 1:50~1:200

ICC/IF: 1:50~1:200

FC: 1:50

Background

K18 a type I cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Keratin 18 and 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.



Western blot analysis of Cytokeratin 18 expression in (1) HT-29 cell lysate; (2) human kidney tissue cell lysates.

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