

Product Datasheet

Cytokeratin 16 Antibody

Catalog No: CY5568

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC FC



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Information

UniProt ID: P08779

All Names: CK-16; CK16; cytokeratin 16; Cytokeratin-16; FNEPPK; K16; K1C16; K1CP; keratin 16; Keratin-16; KRT16; KRT16A; NEPPK;

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.: 51 kDa

Application

WB: 1:1000~1:2000

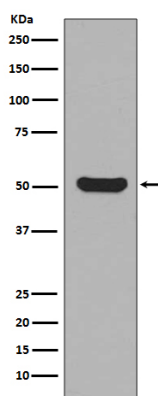
IHC: 1:50~1:200

ICC: 1:50~1:200

FC: 1:50

Background

K16 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. There are two types of cytoskeletal and microfibrillar keratin: type I (acidic; 40-55 kDa) [K9 to K20] and type II (neutral to basic; 56-70 kDa) [K1 to K8]. Both a basic and an acidic keratin are required for filament assembly. Generally associates with K6. K16 and K17 are coexpressed only in pathological situations such as metaplasias and carcinomas of the uterine cervix and in psoriasis vulgaris.



Western blot analysis of Cytokeratin 16 expression in HaCat cell lysate.

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