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## **Cytokeratin-16 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251632

**Unit:** 0.1 mg

### **Description:**

Keratin, type I cytoskeletal 16 (cytokeratin-16) Keratin 16 is expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyperproliferation-related keratins). Defects in cytokeratin-16 are a cause of pachyonychia congenita type 1 (PC1), also known as Jadassohn-Lewandowsky syndrome. PC1 is an autosomal dominant ectodermal dysplasia characterized by hypertrophic nail dystrophy resulting in onychogryposis (thickening and increase in curvature of the nail), palmoplantar keratoderma, follicular hyperkeratosis, and oral leukokeratosis.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC, IP

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Cytokeratin-16; Keratin, type 1 cytoskeletal 16; CK-16; Keratin-16; K16; KRT16; KRT16A

**Accession No.:** P08779

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human cytokeratin-16.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.