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Datasheet

KRT19 monoclonal antibody, clone E16-L

Catalog Number: MAB15962

Regulatory Status: For research use only (RUO)

Product Description: Rabbit monoclonal antibody raised against synthetic peptide of human KRT19.

Clone Name: E16-L

Immunogen: A synthetic peptide corresponding to C-terminus of human KRT19.

Host: Rabbit

Reactivity: Human

Applications: IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: EVAC purification

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1:200)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 20 mM Tris-HCl buffer, pH 8.0 (20 mg/mL BSA, 0.05% Sodium Azide).

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 3880

Gene Symbol: KRT19

Gene Alias: CK19, K19, K1CS, MGC15366

Gene Summary: The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis. The type I cytokeratins are clustered in a region of chromosome 17q12-q21. [provided by RefSeq]

References:

1. SPON2, a newly identified target gene of MACC1, drives colorectal cancer metastasis in mice and is prognostic for colorectal cancer patient survival. Schmid F, Wang Q, Huska MR, Andrade-Navarro MA, Lemm M, Fichtner I, Dahlmann M, Kobelt D, Walther W, Smith J, Schlag PM, Stein U. Oncogene. 2016 Nov 17;35(46):5942-5952. doi: 10.1038/onc.2015.451. Epub 2015 Dec 21.
2. A four-organ-chip for interconnected long-term co-culture of human intestine, liver, skin and kidney equivalents. Maschmeyer I, Lorenz AK, Schimek K, Hasenberg T, Ramme AP, H?bner J, Lindner M, Drewell C, Bauer S, Thomas A, Sambo NS, Sonntag F, Lauster R, Marx U. Lab Chip. 2015 Jun 21;15(12):2688-99. doi: 10.1039/c5lc00392j.