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Datasheet

KRT19 monoclonal antibody, clone A53-B/A2 (FITC)

Catalog Number: MAB13967

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native KRT19.

Clone Name: A53-B/A2

Immunogen: Native purified KRT19 from human breast adenocarcinoma cell line (MCF-7).

Host: Mouse

Theoretical MW (kDa): 40

Reactivity: Human

Applications: ELISA, Flow Cyt, ICC, IHC-P, IP, WB-Ce (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

Specificity: This antibody reacts with Rod domain of cytokeratin 19 (40 KDa) in human tissue. Cytokeratin 19 is not expressed in hepatocytes; it is often co-expressed with cytokeratin 7.

Form: Liquid

Conjugation: FITC

Isotype: IgG2a

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.4 (0.09% 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]