

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

Catalog # MAB13967 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native KRT19.
Immunogen	Native purified KRT19 from human breast adenocarcinoma cell line (MCF-7).
Host	Mouse
Theoretical MW (kDa)	40
Reactivity	Human
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.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry

- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — KRT19

Entrez GeneID [3880](#)

Gene Name KRT19

Gene Alias CK19, K19, K1CS, MGC15366

Gene Description keratin 19

Omim ID [148020](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations 40-kDa keratin intermediate filament|cytokeratin 19|keratin, type I cytoskeletal 19|keratin, type I, 40-kd

Disease

- [Liver Cirrhosis](#)