

ABflo® 647 Rabbit anti-Human Cytokeratin 19 (KRT19) www.abclonal.com mAb

Catalog No.: A22066

Basic Information

Observed MW Refer to figures

Calculated MW 44kDa

Category Primary antibody

Applications FC (intra)

Cross-Reactivity Human

CloneNo number ARC54260-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC (intra)

5 μl per 10^6 cells in 100 μl volume

Background

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.

Immunogen Information

Gene ID 3880 Swiss Prot P08727

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 301-400 of human Cytokeratin 19 (NP_002267.2).

Synonyms K19; CK19; K1CS

Contact

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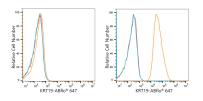
Product Information

Source Rabbit **Isotype** IgG **Purification** Affinity purification

Storage

Store at 2-8°C. Avoid freeze. Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry:1X10^6 Jurkat cells (negative control,left) and MCF7 cells (right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb(A22066,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).