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ABflo® 647 Rabbit anti-Human Cytokeratin 19/KRT19 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

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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.

Recommended Dilutions

FC (intra)	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3880

Swiss Prot
P08727

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
K19; CK19; K1CS

Contact

400-999-6126

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Product Information

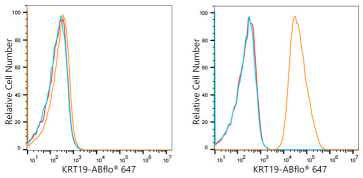
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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).

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