

ABflo® 488 Rabbit anti-Human Cytokeratin 19/KRT19 mAb

Catalog No.: A22065

Basic Information

Observed MW

Calculated MW

44kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC54260

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 10⁶ 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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

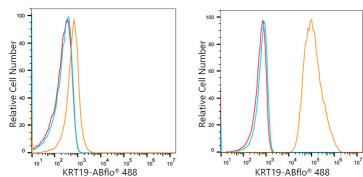
Affinity purification

Storage

Store at 2-8°C. 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: 1X10⁶ Jurkat cells (negative control, left) and MCF7 cells (right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb(A22065, 5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).