

A24259

Leader in Biomolecular Solutions for Life Science



ABflo® 594 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb

Catalog No.: A24259

Basic Information

Observed MW

Refer to figures

Calculated MW

44kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC54260-ABflo594

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

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

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

Synonyms

K19; CK19; K1CS

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

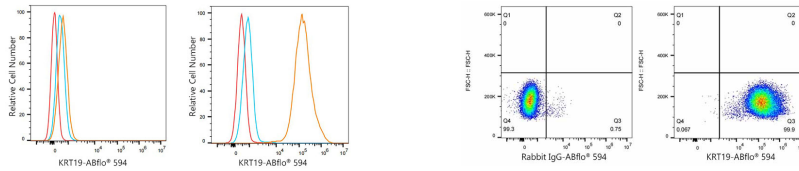
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 Jurkat cells (negative control, left) and MCF7 cells (right) were intracellularly-stained with ABflo® 594 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb(A24259, 5 μ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 MCF7 were intracellularly-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5 μ l/Test, left) or ABflo® 594 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb(A24259, 5 μ l/Test, right).