

ABflo® 647 Rabbit anti-Human Cytokeratin 8 mAb

Catalog No.: A23019

Basic Information

Observed MW

Refer to figures

Calculated MW

53kDa/56kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC58354-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene.

Recommended Dilutions

FC (intra)

5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID 3856 **Swiss Prot**

P05787

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-483 of human Cytokeratin 8 (NP_002264.1).

Synonyms

K8; KO; CK8; CK-8; CYK8; K2C8; CARD2

Contact

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Product Information

SourceIsotypePurificationRabbitIgGAffinity 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 HeLa cells (Right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human Cytokeratin 8 mAb(A23019,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells was used as blank control (red line).

Flow cytometry:1X10^6 HeLa cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human Cytokeratin 8 mAb(A23019,5 µl/Test,right).