

A23018

Leader in Biomolecular Solutions for Life Science



ABflo® 488 Rabbit anti-Human Cytokeratin 8 mAb

Catalog No.: A23018

Basic Information

Observed MW

Refer to figures

Calculated MW

53kDa/56kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC58354-ABf488

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 10⁶ 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



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

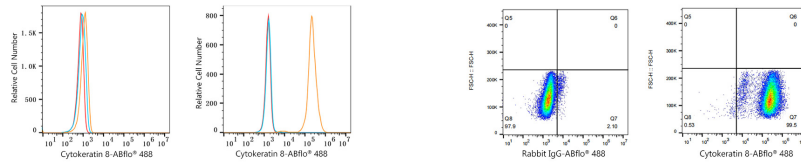
Affinity purification

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 HeLa cells (Right) were intracellularly-stained with ABflo® 488 Rabbit anti-Human Cytokeratin 8 mAb (A23018, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells was used as blank control (red line).

Flow cytometry: 1×10^6 HeLa cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human Cytokeratin 8 mAb (A23018, 5 μ l/Test, right).