

# ABflo® 488 Rabbit anti-Human Cytokeratin 8 mAb

Catalog No.: A23018

# **Basic Information**

#### **Observed MW**

Refer to figures

### **Calculated MW**

53kDa/56kDa

### Category

Primary 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 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**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	T	www.abclonal.com.cn

# **Product Information**

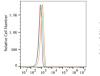
SourceIsotypePurificationRabbitIgGAffinity purification

### **Storage**

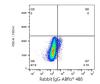
Store at 2-8°C. Avoid freeze.

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® 488 Rabbit anti-Human Cytokeratin 8 mAb(A23018,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 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® 488 Rabbit IgG isotype control (A22069,5  $\mu$ I/Test,left) or ABflo® 488 Rabbit anti-Human Cytokeratin 8 mAb(A23018,5  $\mu$ I/Test,right).