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# ABflo® 647 Rabbit anti-Rat ICAM-1/CD54 mAb

Catalog No.: A25835

## **Basic Information**

## **Observed MW**

## **Calculated MW**

60kDa

## Category

Primary antibody

## **Applications**

FC

## **Cross-Reactivity**

Kat

### CloneNo number

ARC66078

## Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

# **Background**

Enables integrin binding activity. Involved in several processes, including cellular response to cytokine stimulus; cellular response to lipid; and gonad development. Located in cell surface; extracellular space; and plasma membrane. Used to study diabetic angiopathy; mesenteric vascular occlusion; nephritis; pre-eclampsia; and uveitis. Biomarker of several diseases, including cerebrovascular disease (multiple); colitis (multiple); kidney failure (multiple); lung disease (multiple); and pancreatitis (multiple). Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); biliary atresia; diabetic retinopathy; inflammatory bowel disease (multiple); and liver cirrhosis. Orthologous to human ICAM1 (intercellular adhesion molecule 1).

## **Recommended Dilutions**

FC

5 μl per 10^6 cells in 100 μl volume

# Immunogen Information

**Gene ID** 25464

**Swiss Prot** 

Q00238

#### **Immunogen**

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

## **Synonyms**

CD54; ICAM; Icam1

## **Contact**

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# **Product Information**

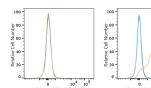
SourceIsotypePurificationRabbitIgGAffinity purification

#### 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: 1X10^6 293T cells (negative control,left) and Rat splenocytes (right) were surface-stained with ABflo® 647 Rabbit anti-Rat ICAM-1/CD54 mAb (A25835,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1X10^6$  Rat splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5  $\mu$ I/Test,left) or ABflo® 647 Rabbit anti-Rat ICAM-1/CD54 mAb (A25835,5  $\mu$ I/Test,right).