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ABflo® 488 Rabbit anti-Rat ICAM-1/CD54 mAb

Catalog No.: A25834

Basic Information

Observed MW

Calculated MW

60kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Rat

CloneNo number

ARC66078

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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 μ l per 10^6 cells in 100 μ l 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

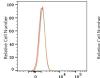
SourceIsotypePurificationRabbitIgGAffinity purification

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® 488 Rabbit anti-Rat ICAM-1/CD54 mAb (A25834,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 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® 488 Rabbit IgG isotype control (A22069,5 μ I/Test,left) or ABflo® 488 Rabbit anti-Rat ICAM-1/CD54 mAb (A25834,5 μ I/Test,right).