

ABflo® 594 Rabbit anti-Rat CD54/ICAM-1 mAb

Catalog NO.: A25836

Basic Information

Observed MW

Calculated MW

60kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Rat

Conjugation

ABflo® 594. Ex:588nm. Em:604nm.

Clone number

ARC66078

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 10⁶ 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

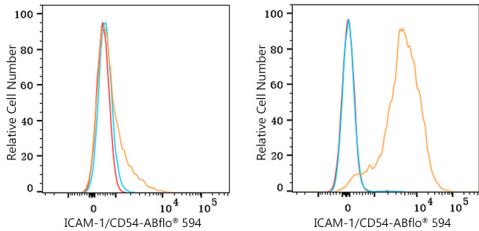
Contact

Product Information

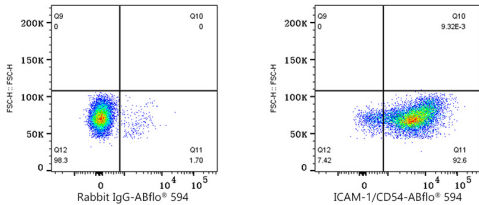
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and Rat splenocytes (right) were surface-stained with ABflo® 594 Rabbit anti-Rat ICAM-1/CD54 mAb (A25836,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 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® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Rat ICAM-1/CD54 mAb (A25836,5 µl/Test,right).

