Leader in Biomolecular Solutions for Life Science

ABflo® 488 Rabbit anti-Mouse CD326/EPCAM mAb

Catalog No.: A29539

Recombinant

www.abclonal.com

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC

Cross Reactivity
Mouse

Clone No.
ARC83485

Background

Predicted to enable cadherin binding activity involved in cell-cell adhesion. Involved in ureteric bud development. Located in cell surface. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; respiratory system; and sensory organ. Used to study congenital diarrhea 5 with tufting enteropathy. Human ortholog(s) of this gene implicated in congenital diarrhea 5 with tufting enteropathy and hereditary nonpolyposis colorectal cancer type 8. Orthologous to human EPCAM (epithelial cell adhesion molecule).

Recommended Dilutions

FC	FC,≤0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
17075

Swiss-Prot
Q99JW5

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

Synonyms
CD326; EGP; EGP-2; Egp314; Ep-CAM; EpCAM1; GA733-2; Ly74; TROP1; Tacsd1; Tacstd1; gp40

Contact

400-999-6126
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Product Information

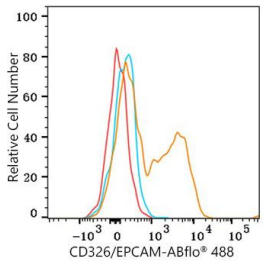
Source
Rabbit

Isotype
IgG

Purity
Affinity purification

Storage
Store at 2-8℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 BALB/c mouse thymocytes were surface-stained with PE Rabbit anti-Mouse CD4 mAb (A25933,5 µl/Test), ABflo® 450 Rabbit anti-Mouse CD8a mAb (A25943,5 µl/Test) and ABflo® 488 Rabbit anti-Mouse CD326/EPCAM mAb (A29539,0.5 µg,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). Cells in the CD4-CD8a- gate were used for analysis.

For research use only. Not for therapeutic or diagnostic purposes.
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