Technical Data Sheet

PE Mouse Anti-Human CD108

Product Information
Material Number: 552830
Size: 100 tests
Vol. per Test: 20 µl
Clone: KS-2
Isotype: Mouse IgG2a, κ
Reactivity: QC Testing: Human
Workshop: NA
Storage Buffer: Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description
Reacts with the John-Milton-Hagen (JMH) blood group antigen. CD108 is a 76-80 kDa glycosylphosphatidylinositol (GPI)-linked protein. It is expressed on erythrocytes, at low levels on lymphocytes, but higher levels are detected on lymphoblasts and lymphoblastic cell lines. An adhesion function for CD108 has been suggested but this has not been demonstrated. Autoantibodies to this molecule are not uncommon and often associated with the loss of JMH antigen expression on erythrocytes.

Preparation and Storage
The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography. The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.
Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes
Application
Flow cytometry Routinely Tested

Suggested Companion Products

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<tr>
<th>Catalog Number</th>
<th>Name</th>
<th>Size</th>
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<tr>
<td>555574</td>
<td>PE Mouse IgG2a, κ Isotype Control</td>
<td>100 tests</td>
<td>G155-178</td>
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Product Notices
1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1 X 10^6 cells in a 100-µl experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.

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3. Please refer to wwwbdbiosciences.com/pharmingen/protocols for technical protocols.
4. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References