## Description:
MOUSE ANTI HUMAN CD177:APC

## Specificity:
CD177

## Format:
APC

## Product Type:
Monoclonal Antibody

## Clone:
MEM-166

## Isotype:
IgG1

## Quantity:
100 TESTS

### Product Details

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td>Neat</td>
<td></td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Reacts with: Rhesus Monkey

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG conjugated to Allophycocyanin (APC) - lyophilised

### Reconstitution

Reconstitute with 1ml distilled water

### Max Ex/Em

<table>
<thead>
<tr>
<th>Fluorophore</th>
<th>Excitation Max (nm)</th>
<th>Emission Max (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>APC</td>
<td>650</td>
<td>661</td>
</tr>
</tbody>
</table>

### Preparation

Purified IgG prepared by affinity chromatography on Protein A

### Buffer Solution

Phosphate buffered saline
Preservative
Stabilisers
0.09% Sodium Azide
1% Bovine Serum Albumin
5% Sucrose

Approx. Protein Concentrations
IgG concentration 0.1mg/ml

Immunogen
Human granulocytes.

External Database Links
UniProt: Q8N6Q3 Related reagents
Entrez Gene: 57126 CD177 Related reagents

Synonyms
NB1, PRV1

RRID
AB_2072601

Specificity
Mouse anti Human CD177 antibody, clone MEM-166 recognizes human CD177 (neutrophil glycoprotein NB1). The neutrophil NB1 antigen is expressed by 97% of the caucasian population. Antibodies against NB1 have been implicated in the pathology of neonatal alloimmune neutropenia (Lalezari et al. 1971).

Flow Cytometry
Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

References
92.

**Storage**

Prior to reconstitution store at +4°C.
After reconstitution store at +4°C.
DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

12 months from date of despatch

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Negative Controls**

MOUSE IgG1 NEGATIVE CONTROL:APC (MCA928APC)

**Recommended Useful Reagents**

HUMAN SEROBLOCK (BUF070A)
HUMAN SEROBLOCK (BUF070B)

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