

## anti-human CD177

The antibody MEM-166 reacts with CD177 (Neutrophil specific antigen 1), a 60 kDa GPI-linked cell surface glycoprotein of uPAR family, expressed on granulocytes and in bone marrow early erythroblasts, megakaryocytes, promyelocytes and myelocytes.

**CD177** (NB1/HNA-2a and PRV-1 form) is a GPI-anchored glycoprotein present mainly on neutrophils. Its plasma membrane expression is increased during pregnancy and inflammation or after G-CSF application. Ligand of CD177 has been identified as CD31 (PECAM-1). CD177 participates in neutrophil transmigration and seems to be also a pro-proliferative molecule. The antibodies against CD177 can be involved in neonatal alloimmune neutropenia (NAN).

<b>Clone:</b>	MEM-166
<b>Isotype:</b>	Mouse IgG1
<b>Physical state:</b>	Purified from ascites by protein-G affinity chromatography
<b>Purity:</b>	> 95% (by SDS-PAGE)
<b>Buffer:</b>	PBS with 15 mM sodium azide (pH 7.4)
<b>Storage Instruction:</b>	Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.
<b>Application:</b>	Flow Cytometry, Immunoprecipitation, Western Blotting (non reducing conditions)
<b>Reference:</b>	Leukocyte Typing VII and others: Oxford University Press (2002)
<b>Quantity:</b>	0.1 mg
<b>Order N°:</b>	H12221

**Warning:** Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32).

This material is offered for **research only**. Not for use in human. For in vitro use only. EuroBioSciences will not be held responsible for patent infringement or other violations that may occur with the use of our products.