

## anti-human CD56 APC-conjugated

The antibody MEM-188 reacts with a 180 kDa isoform of CD56 (NCAM) expressed in leukocytes. It has been suggested that the antibody MEM-188 could react with rhesus monkey lymphocytes. Reactivity with other NCAM isoforms has not been tested.

**CD56** (NCAM, neural cell adhesion molecule) is a transmembrane glycoprotein of immunoglobulin family serving as adhesive molecule which is ubiquitously expressed in nervous system, usually as 120 kDa, 140 kDa or 180 kDa isoform, and it is also found on T cells and NK cells. Polysialic modification results in reduction of CD56-mediated cell adhesion and is involved in cell migration, axonal growth, pathfinding and synaptic plasticity. CD56 is a widely used neuroendocrine marker with a high sensitivity for neuroendocrine tumours and ovarian granulosa cell tumours.

<b>Clone:</b>	MEM-188
<b>Isotype:</b>	Mouse IgG2a
<b>Physical state:</b>	Liquid for direct use
<b>Form:</b>	purified antibody conjugated with cross-linked Allophycocyanin (APC)
<b>Buffer:</b>	PBS containing 1% BSA and 0.1% sodium azide (pH 7.4)
<b>Storage:</b>	Store at 4 °C. Do not freeze. Avoid prolonged exposure to light.
<b>Application:</b>	Flow Cytometry
<b>Reference:</b>	Jakovcevski I, Mo Z, Zecevic N: Neuroscience. 2007 Oct 26;149(2):328-37. Ohishi Y and others: Gynecol Oncol. 2007 Oct;107(1):30-8. McCluggage WG Int J Gynecol Pathol. 2007 Jul;26(3):322-7.
<b>Quantity:</b>	1.0 ml
<b>Order N°:</b>	H12196A

**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.