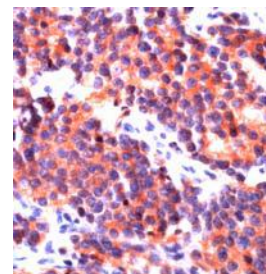


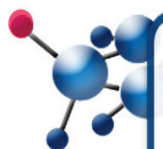
## Mouse Anti-Human CD56 Monoclonal Antibody (Clone 123C3)

<b>CATALOG #:</b>	<b>E11100</b>	0.1 ml mouse monoclonal antibody supplied as tissue culture supernatant in TBS/1% BSA buffer pH 7.5 with less than 0.1% sodium azide.
	<b>E11104</b>	1 ml mouse monoclonal antibody supplied as tissue culture supernatant in TBS/1% BSA buffer pH 7.5 with less than 0.1% sodium azide.
	<b>E11101</b>	7 ml pre-diluted mouse monoclonal antibody supplied as tissue culture supernatant in TBS/1% BSA buffer pH 7.6 with less than 0.1% sodium azide.



*Human neuroblastoma stained with anti-CD56 antibody*

<b>INTENDED USE:</b>	For Research Use Only. Not for use in diagnostic procedures.
<b>CLONE:</b>	123C3
<b>IMMUNOGEN:</b>	Membrane preparation of a small cell lung carcinoma.
<b>IG ISOTYPE:</b>	IgG <sub>1</sub> /κ
<b>EPITOPE:</b>	Not determined
<b>MOLECULAR WEIGHT</b>	180, 145 and 125kDa
<b>SPECIES REACTIVITY:</b>	Human (tested). Others not tested
<b>DESCRIPTION:</b>	Three isoforms of neural cell adhesion molecule (NCAM) are produced by differential splicing of the RNA transcript from a single gene. The 135kDa isoform is the basic molecule which is glycosylated or sialylated to produce the mature species. NCAM (CD56) is reported to express on most neuroectodermal derived cell lines, tissues, and neoplasms such as retinoblastoma, medullblastoma, astrocytoma, and neuroblastoma. It is also expressed on some mesodermally derived tumors such as rhabdomyosarcoma and also on natural killer cells.
<b>APPLICATIONS:</b>	Immunohistochemistry (IHC)
<b>IHC PROCEDURE:</b>	<p><b>Specimen Preparation:</b> Formalin-fixed, paraffin-embedded tissues are suitable for use with this primary antibody.</p> <p><b>Deparaffinization:</b> Deparaffinize slides using xylene or xylene alternative and graded alcohols.</p> <p><b>Antibody Dilution:</b> If using the concentrate format of this product, dilute the antibody 1:50. The dilutions are estimates; actual results may differ because of variability in methods and protocols.</p> <p><b>Antigen Retrieval:</b> Boil tissue section in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.</p> <p><b>Primary Antibody Incubation:</b> Incubate for 30 minutes at RT.</p> <p><b>Slide Washing:</b> Slides must be washed in between steps. Rinse slides with PBS/0.05% Tween.</p> <p><b>Visualization:</b> Detect the antibody as instructed by the instructions provided with the visualization system.</p>
<b>POSITIVE CONTROL:</b>	Brain and neuroblastoma
<b>CELLULAR LOCALIZATION:</b>	Membrane
<b>STORAGE &amp; STABILITY</b>	<p>Store at 2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.</p> <p>There are no definitive signs to indicate instability of this product; therefore, positive and negative controls should be tested simultaneously with unknown specimens.</p>
<b>WARNINGS &amp; PRECAUTIONS:</b>	<ol style="list-style-type: none"> <li>1. Avoid contact of reagents with eyes and mucous membranes. If reagents come into contact with sensitive areas, wash with copious amounts of water.</li> <li>2. This product is harmful if swallowed.</li> <li>3. Consult local or state authorities with regard to recommended method of disposal.</li> <li>4. Avoid microbial contamination of reagents.</li> </ol>



**UK & Rest of World**  
184 Milton Park, Abingdon  
OX14 4SE, Oxon, UK  
Tel: +44 (0) 1235 828 200  
Fax: +44 (0) 1235 820 482

**Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
Tel: +41 (0) 91 604 55 22  
Fax: +41 (0) 91 605 17 85

**Deutschland**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
Tel: +49 (0) 69 779099  
Fax: +49 (0) 69 13376880

**United States**  
23591 El Toro Rd, Suite #167  
Lake Forest, CA 92630  
Tel: +1 800 987 0985  
Fax: +1 949 265 7703