Mouse Anti-CD56/SCLC/NCAM [123A8]: MC0686, MC0686RTU7

**Intended Use:** For Research Use Only

**Description:** 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, medulloblastoma, astrocytoma, and neuroblastoma. It is also expressed on some mesodermally derived tumors such as rhabdomyosarcoma and also on natural killer cells.

**Specifications:**
- **Clone:** 123A8
- **Source:** Mouse
- **Isotype:** IgG1k
- **Reactivity:** Human
- **Localization:** Membrane
- **Formulation:** Purified ascites in PBS pH7.4, containing BSA, and ≤0.09% sodium azide (NaN3)
- **Storage:** Store at 2°-8°C
- **Applications:** IHC, Flow Cyt., ICC

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD56/SCLC/NCAM Concentrated</td>
<td>MC0686</td>
<td>1 ml</td>
</tr>
<tr>
<td>CD56/SCLC/NCAM Prediluted</td>
<td>MC0686RTU7</td>
<td>7 ml</td>
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</tbody>
</table>

**IHC Procedure:**
- **Positive Control Tissue:** Neuroblastoma, neuroendocrine ca
- **Concentrated Dilution:** 50-200
- **Pretreatment:** Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
- **Incubation Time and Temp:** 30-60 minutes @ RT
- **Detection:** Refer to the detection system manual

*Result should be confirmed by an established diagnostic procedure.*

**References:**

Doc. 100-MC0686
Rev. A