**Product datasheet**

**Anti-Axl antibody [MM0098-2N33] ab89224**

4 Abreviews  3 References  2 Images

### Overview

**Product name**
Anti-Axl antibody [MM0098-2N33]

**Description**
Mouse monoclonal [MM0098-2N33] to Axl

**Host species**
Mouse

**Tested applications**
Suitable for: IP, ICC/IF, Flow Cyt

**Species reactivity**
Reacts with: Human, African green monkey

**Immunogen**
Human recombinant Axl (extracellular region).

### Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**
Constituent: PBS

**Purity**
Protein G purified

**Purification notes**
The IgG fraction of culture supernatant was purified by Protein G affinity chromatography.

**Clonality**
Monoclonal

**Clone number**
MM0098-2N33

**Isotype**
IgG1

### Applications

Our Abpromise guarantee covers the use of **ab89224** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>IP</td>
<td>★★★★★</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>ICC/IF</td>
<td>★★★★★</td>
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Function
May function as a signal transducer between specific cell types of mesodermal origin. In case of filovirus infection, seems to function as a cell entry factor.

Tissue specificity
Highly expressed in metastatic colon tumors. Expressed in primary colon tumors. Weakly expressed in normal colon tissue.

Sequence similarities
Belongs to the protein kinase superfamily. Tyr protein kinase family. AXL/UFO subfamily.
Contains 2 fibronectin type-III domains.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 protein kinase domain.

Cellular localization
Membrane.

Images
ab89224 used in Flow Cytometry.
Cells were trypsinized for 1 minute at room temperature and washed once in cold PBS. They were stained with ab89224 diluted 1/200 in 5% BSA/PBS for 45 minutes on ice, washed and incubated with ab98794 at a 1/200 dilution. Cells were filtered and read in a FACScan using the FL1 sensor.
Immunocytochemistry/ Immunofluorescence - Anti-Axl antibody [MM0098-2N33] (ab89224)

Image courtesy of Nir Drayman by Abreview.

ab89224 staining Axl in african green monkey CV1 cells by Immunocytochemistry/ Immunofluorescence. The cells were fixed in 4% paraformaldehyde and then blocked using 5% serum for 1 hour at 22°C. Samples were then incubated with primary antibody at 1/100 for 16 hours at 4°C. The secondary antibody used was a donkey anti-mouse IgG conjugated to Alexa Fluor® 546 (red) used at a 1/400 dilution. DAPI was used to counterstain nuclei.

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