Product datasheet

Anti-Ganglioside GD2 antibody [14.G2a] ab68456

6 References

Overview

Product name Anti-Ganglioside GD2 antibody [14.G2a]
Description Mouse monoclonal [14.G2a] to Ganglioside GD2
Host species Mouse
Tested applications Suitable for: ICC, IHC-Fr, Flow Cyt, ICC/IF
Species reactivity Reacts with: Human
Immunogen Disialoganglioside GD2
General notes This product was changed from ascites to tissue culture supernatant on 30/Aug/19. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

Properties

Form Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer pH: 7.60
Preservative: 0.1% Sodium azide
 Constituents: PBS, 1.45% Sodium chloride
Purity Tissue culture supernatant
Clonality Monoclonal
Clone number 14.G2a
Isotype IgG2a

Applications

Our Abpromise guarantee covers the use of ab68456 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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</table>
Gangliosides are a group of galactose-containing cerebrosides found in the surface membranes of nerve cells. Ganglioside GD2 is a disialoganglioside expressed on tumors of neuroectodermal origin, including human neuroblastoma and melanoma, with highly restricted expression on normal tissues, principally to the cerebellum and peripheral nerves in humans. GD2 is a suitable target for immunotherapy with monoclonal antibodies or with artificial T cell receptors due to its relatively tumor specific expression.

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<td>IHC-Fr</td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>Flow Cyt</td>
<td>Use 1-2µg for 10^6 cells. &lt;br&gt; <em>ab170191</em> - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.</td>
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**Target**

**Relevance**

Gangliosides are a group of galactose-containing cerebrosides found in the surface membranes of nerve cells. Ganglioside GD2 is a disialoganglioside expressed on tumors of neuroectodermal origin, including human neuroblastoma and melanoma, with highly restricted expression on normal tissues, principally to the cerebellum and peripheral nerves in humans. GD2 is a suitable target for immunotherapy with monoclonal antibodies or with artificial T cell receptors due to its relatively tumor specific expression.

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