

## Product datasheet

# Anti-Ganglioside GD2 antibody [14.G2α] ab68456

★★★★★ [2 Abreviews](#) [9 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Anti-Ganglioside GD2 antibody [14.G2α]
<b>Description</b>	Mouse monoclonal [14.G2α] to Ganglioside GD2
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Tissue, cells or virus corresponding to Human Ganglioside GD2. Neuroblastoma cell line LAN-1
<b>General notes</b>	<p>This product was changed from ascites to tissue culture supernatant on 30/Aug/19. Lot numbers higher than GR3295317 are from tissue culture supernatant. 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.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	<p>pH: 7.60</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1.45% Sodium chloride</p>
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	14.G2α
<b>Isotype</b>	IgG2a

## Applications

### The Abpromise guarantee

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.

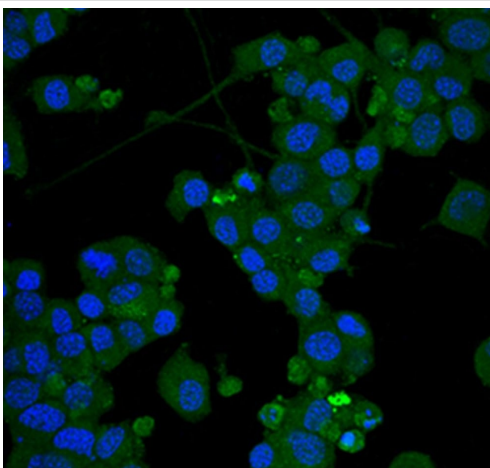
Application	Abreviews	Notes
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

## Target

### Relevance

Gangliosides are a group of galactose-containing cerebroside 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.

## Images



Immunocytochemistry/immunofluorescence analysis of N1E-115 (mouse neuroblastoma cell line) cells labelling Ganglioside GD2 with ab68456.

Immunocytochemistry/ Immunofluorescence - Anti-Ganglioside GD2 antibody [14.G2a] (ab68456)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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