

Datasheet for ABIN2667320

anti-Ganglioside GD2 antibody (PE-Cy7)[Go to Product page](#)**1** Image

Overview

Quantity:	100 tests
Target:	Ganglioside GD2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ganglioside GD2 antibody is conjugated to PE-Cy7
Application:	Flow Cytometry (FACS)

Product Details

Clone:	14G2a
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.

Target Details

Target:	Ganglioside GD2
Abstract:	Ganglioside GD2 Products
Background:	Ganglioside GD2 is a sialic acid-containing glycosphingolipid involved in cell attachment to the extracellular matrix. Expression of GD2 in normal tissue is restricted to cells from the central nervous system, peripheral nerves, skin melanocytes, and mesenchymal stem cells. However GD2 is highly expressed by tumors of neuro-ectodermal origin such as melanomas, gliomas,

Target Details

neuroblastomas, and small cell lung carcinoma. GD2 has been proposed as a marker for some cancer stem cells.

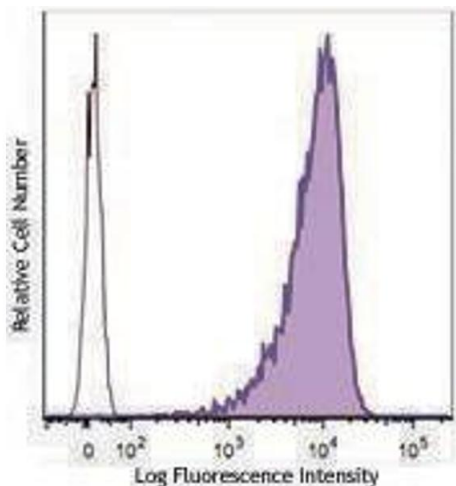
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Protect from prolonged exposure to light. Do not freeze.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.