

AM10172SU-N**Monoclonal Antibody to Ganglioside GD2 - Supernatant**

Quantity:	1 ml
Background:	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.
Host / Isotype:	Mouse / IgG3
Clone:	11H3
Immunogen:	Ganglioside GD2
Format:	State: Lyophilized Cell Culture Supernatant Preservatives: None Reconstitution: Restore in distilled water.
Applications:	ELISA: 1/10-1/100. TLC (Thin-layer chromatography): 1/5-1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts with GD2 Ganglioside. No cross reaction with others Gangliosides.
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Cerato E, Birkle S, Portoukalian J, Mezazigh A, Chatal JF, Aubry J. Variable region gene segments of nine monoclonal antibodies specific to disialogangliosides (GD2, GD3) and their O-acetylated derivatives. Hybridoma. 1997 Aug;16(4):307-16. PubMed PMID: 9309421.