

AM10174SU-N**Monoclonal Antibody to Ganglioside OAcGD3 - Supernatant**

Quantity:	1 ml
Host / Isotype:	Mouse / IgG3
Clone:	7H2
Immunogen:	Ganglioside-OAcGD3
Format:	State: Lyophilized Cell Culture Supernatant Preservatives: None Reconstitution: Restore in distilled water.
Applications:	ELISA: 1/5-1/50. Thin-layer chromatography (TLC): 1/5-1/20. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with OAcGD3 Ganglioside: OAcNeuAc alpha 2-8NeuAc alpha 2-3Gal beta 1-4Glc beta 1-1Cer.
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. 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. <i>Hybridoma</i>. 1997 Aug;16(4):307-16. PubMed PMID: 9309421. 2. Thomas CP, Buronfosse A, Combaret V, Pedron S, Fertil B, Portoukalian J. Gangliosides protect human melanoma cells from ionizing radiation-induced clonogenic cell death. <i>Glycoconj J</i>. 1996 Jun;13(3):377-84. PubMed PMID: 8781968. 3. Zebda N, Pedron S, Rebbaa A, Portoukalian J, Berthier-Vergnes O. Deficiency of ganglioside biosynthesis in metastatic human melanoma cells: relevance of CMP-NeuAc:LacCer alpha 2-3 sialyltransferase (GM3 synthase). <i>FEBS Lett</i>. 1995 Apr 3;362(2):161-4. PubMed PMID: 7720864. 4. Portoukalian J, David MJ, Gain P, Richard M. Shedding of GD2 ganglioside in patients with retinoblastoma. <i>Int J Cancer</i>. 1993 Apr 1;53(6):948-51. PubMed PMID: 8473052.