

Datasheet for ABIN7114727

anti-GM2A antibody



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Overview

Quantity:	100 µg
Target:	GM2A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GM2A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	GM2 ganglioside activator
Clone:	9C9
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	GM2A
Alternative Name:	GM2A (GM2A Products)
Background:	Synonyms: Ganglioside GM2 activator, GM2 AP, GM2 ganglioside activator, GM2A, SAP 3 Background: The large binding pocket can accommodate several single chain phospholipids

Target Details

and fatty acids, GM2A also exhibits some calcium-independent phospholipase activity(By similarity). Binds gangliosides and stimulates ganglioside GM2 degradation. It stimulates only the breakdown of ganglioside GM2 and glycolipid GA2 by beta-hexosaminidase A. It extracts single GM2 Molecules from membranes and presents them in soluble form to beta-hexosaminidase A for cleavage of N-acetyl-D-galactosamine and conversion to GM3.

Molecular Weight:	22 kDa
Gene ID:	2760
UniProt:	P17900

Application Details

Application Notes:	WB: 1:500-1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months