

Datasheet for ABIN1846273

anti-Hexosaminidase A antibody

5 Images

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Overview

Quantity:	100 µL
Target:	Hexosaminidase A (HEXA)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human HEXA expressed in E. coli.
Isotype:	IgG2b
Purification:	Purified antibody

Target Details

Target:	Hexosaminidase A (HEXA)
Alternative Name:	HEXA (HEXA Products)
Background:	<p>This gene encodes the alpha subunit of the lysosomal enzyme beta-hexosaminidase that, together with the cofactor GM2 activator protein, catalyzes the degradation of the ganglioside GM2, and other molecules containing terminal N-acetyl hexosamines. Beta-hexosaminidase is composed of two subunits, alpha and beta, which are encoded by separate genes. Both beta-hexosaminidase alpha and beta subunits are members of family 20 of glycosyl hydrolases. Mutations in the alpha or beta subunit genes lead to an accumulation of GM2</p>

Target Details

	ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I).
Molecular Weight:	60.7 kDa
Gene ID:	3073, 15211, 300757
Pathways:	Sensory Perception of Sound , Glycosaminoglycan Metabolic Process

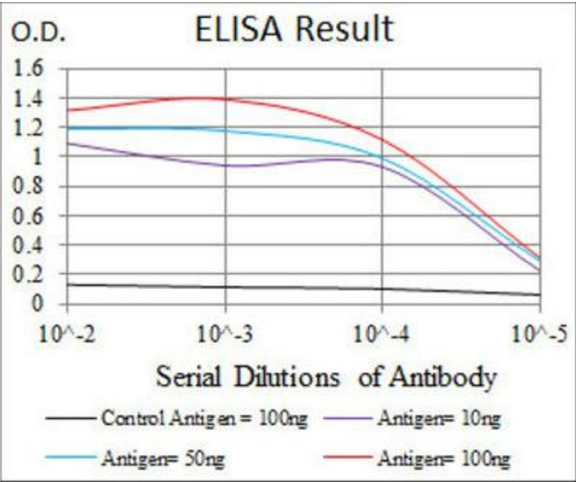
Application Details

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

Handling

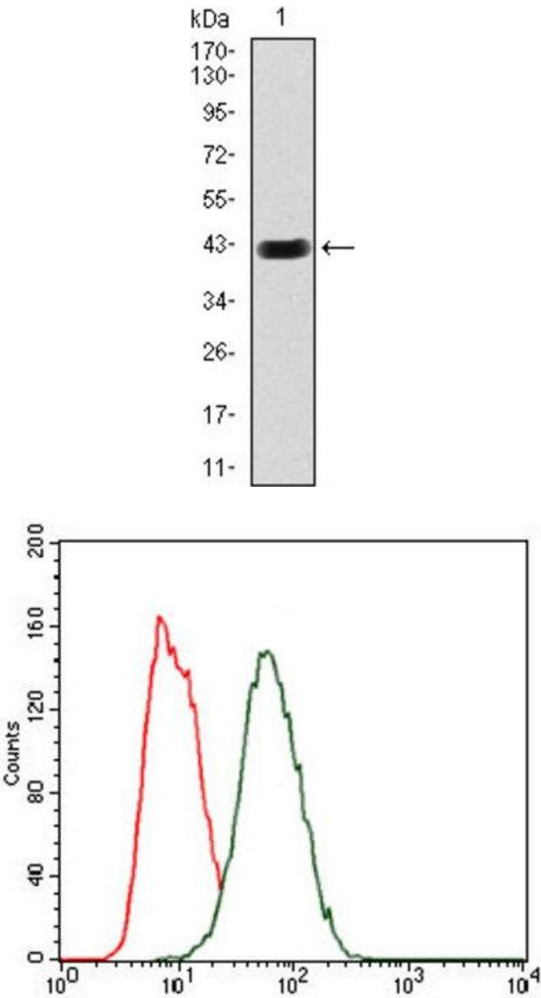
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Images



ELISA

Image 1.



Western Blotting

Image 2.

Flow Cytometry

Image 3.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1846273.