

HEXA monoclonal antibody

Catalog: MB21594

Host: Mouse

Reactivity: Human

Background:

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 ganglioside in neurons and neurodegenerative disorders termed the GM2 gangliosidoses. Alpha subunit gene mutations lead to Tay-Sachs disease (GM2-gangliosidosis type I).

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

60.7kDa

Swiss-Prot:

P06865

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

Storage&Stability:

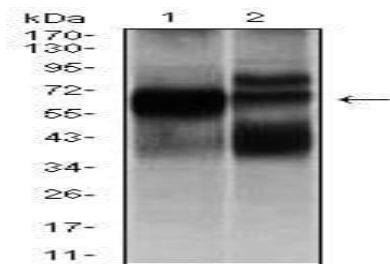
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

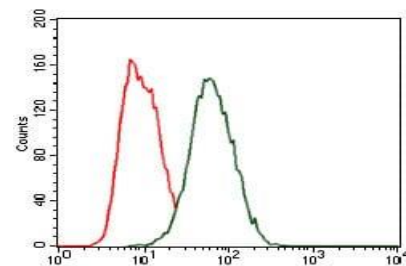
Isotype:

Mouse IgG2b

DATA:



Western blot analysis using HEXA mouse mAb against L1210 (1), and HL7702 (2) cell lysate.



Flow cytometric analysis of HeLa cells using HEXA mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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