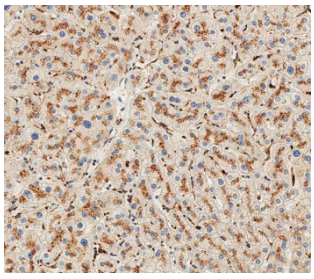
Hexosaminidase A Antibody / HEXA (F54305)

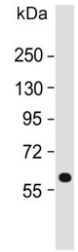
Catalog No.	Formulation	Size
F54305-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54305-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

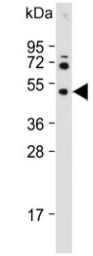
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P06865
Localization	Cytoplasmic
Applications	Western blot: 1:500-1:2000 Immunohistochemistry (FFPE): 1:25 Flow cytometry: 1:25 (1x10e6 cells)
Limitations	This Hexosaminidase A antibody is available for research use only.



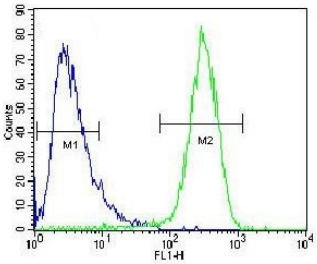
IHC testing of FFPE human liver tissue with Hexosaminidase A antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



Western blot testing of human brain lysate with Hexosaminidase A antibody. Expected molecular weight: ~60 kDa (precursor), ~54 kDa (mature).



Western blot testing of human HepG2 cell lysate with Hexosaminidase A antibody. Expected molecular weight: ~60 kDa (precursor), ~54 kDa (mature).



Flow cytometry testing of fixed and permeabilized human HepG2 cells with Hexosaminidase A antibody; Blue=isotype control, Green= Hexosaminidase A antibody.

Description

HEXA is 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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Hexosaminidase A antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 142-170 from the human protein were used as the immunogen for the Hexosaminidase A antibody.

Storage

Aliquot the Hexosaminidase A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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