

Product datasheet

Anti-FUCA1 antibody ab55000

1 References 1 Image

Overview

<b>Product name</b>	Anti-FUCA1 antibody
<b>Description</b>	Mouse monoclonal to FUCA1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein, corresponding to amino acids 23-462 of Human FUCA1

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None PBS, pH 7.2
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Light chain type</b>	kappa

Applications

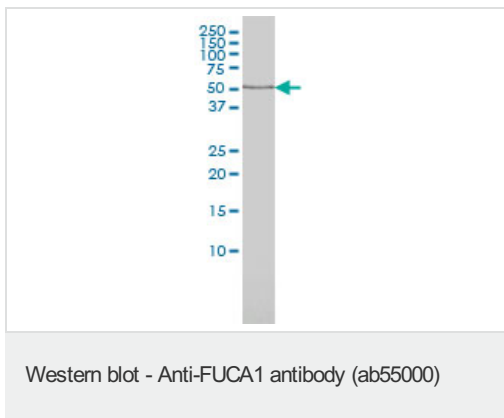
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab55000 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 53 kDa.

Target

<b>Function</b>	Alpha-L-fucosidase is responsible for hydrolyzing the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins.
<b>Involvement in disease</b>	Defects in FUCA1 are the cause of fucosidosis (FUCA1D) [MIM:230000]. FUCA1D is an autosomal recessive lysosomal storage disease characterized by accumulation of fucose-containing glycolipids and glycoproteins in various tissues. Clinical signs include facial dysmorphism, dysostosis multiplex, moderate hepatomegaly, severe intellectual deficit, deafness, and according to age, angiokeratomas.
<b>Sequence similarities</b>	Belongs to the glycosyl hydrolase 29 family.
<b>Cellular localization</b>	Lysosome.

## Images



FUCA1 antibody (ab55000) at 1ug/lane + K-562 cell lysate at 25ug/lane.

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