

FUCA2 Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AM1909b

Specification

FUCA2 Antibody - Product Information

Application	WB,E
Primary Accession	O9BTY2
Other Accession	NP_114409.2
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Calculated MW	54067

FUCA2 Antibody - Additional Information

Gene ID 2519

Other Names

Plasma alpha-L-fucosidase, Alpha-L-fucoside fucohydrolase 2, Alpha-L-fucosidase 2, FUCA2

Target/Specificity

This FUCA2 monoclonal antibody is generated from mouse immunized with FUCA2 recombinant protein.

Dilution

WB~~1:500~1000

Format

Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FUCA2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FUCA2 Antibody - Protein Information

Name FUCA2

Function 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.

Cellular Location

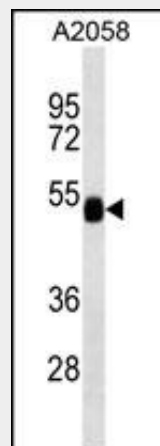
Secreted.

FUCA2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FUCA2 Antibody - Images



FUCA2 (Cat. #AM1909b) western blot analysis in A2058 cell line lysates (35µg/lane). This demonstrates the FUCA2 antibody detected the FUCA2 protein (arrow).

FUCA2 Antibody - Background

This gene encodes a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. The protein is a member of the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. This enzyme is essential for *Helicobacter pylori* adhesion to human gastric cancer cells.

FUCA2 Antibody - References

- Liu, T.W., et al. Proc. Natl. Acad. Sci. U.S.A. 106(34):14581-14586(2009)
Shah, M., et al. Cancer 113(2):336-346(2008)
Lamesch, P., et al. Genomics 89(3):307-315(2007)
Mungall, A.J., et al. Nature 425(6960):805-811(2003)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)