


Product datasheet

Anti-FUT4 antibody [HI98] ab188610

[3 References](#) [2 Images](#)

Overview

Product name	Anti-FUT4 antibody [HI98]
Description	Mouse monoclonal [HI98] to FUT4
Host species	Mouse
Tested applications	Suitable for: IHC-P, Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Chimpanzee 
Immunogen	Full length protein corresponding to Human FUT4.
Positive control	Human uterus tissue; Human peripheral blood granulocytes
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 99% PBS
Purity	Affinity purified
Clonality	Monoclonal
Clone number	HI98
Isotype	IgM
Light chain type	kappa

Applications

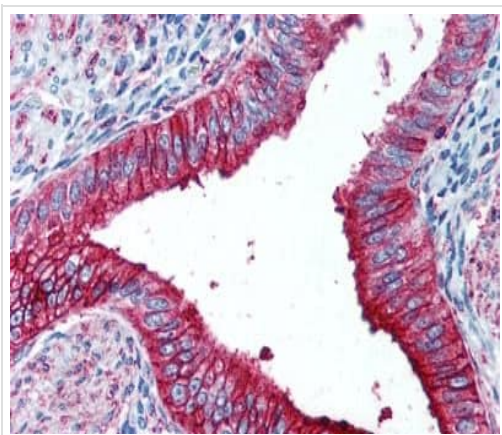
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab188610 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt		Use at an assay dependent concentration. ab18400 - Mouse monoclonal IgM, is suitable for use as an isotype control with this antibody.

Target

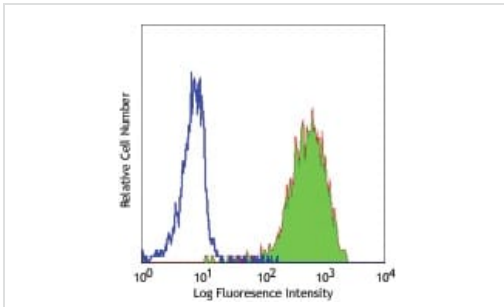
Function	May catalyze alpha-1,3 glycosidic linkages involved in the expression of Lewis X/SSEA-1 and VIM-2 antigens.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 10 family.
Cellular localization	Golgi apparatus > Golgi stack membrane. Membrane-bound form in trans cisternae of Golgi.

Images



Immunohistochemical analysis of formalin fixed, paraffin embedded Human uterus tissue labeling FUT4 with ab188610 at 1/50 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FUT4 antibody [H198] (ab188610)



Flow Cytometry - Anti-FUT4 antibody [HI98]
(ab188610)

Flow cytometric analysis of Human peripheral blood granulocytes (right histogram) labeling FUT4 with ab188610. FITC-conjugated anti-mouse secondary antibodies were used for the analysis.

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