10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KLF11 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KLF11.
Catalog # AT2628a

Product Information

Application	WB, IHC, IF, E
Primary Accession	O14901
Other Accession	NM_003597
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	8F4
Calculated MW	55139

Additional Information

Gene ID	8462
Other Names	Krueppel-like factor 11, Transforming growth factor-beta-inducible early growth response protein 2, TGFB-inducible early growth response protein 2, TIEG-2, KLF11, FKLF, TIEG2
Target/Specificity	KLF11 (NP_003588, 404 a.a. ~ 512 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	KLF11 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

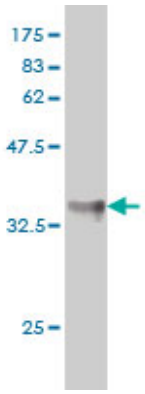
The protein encoded by this gene is a zinc finger transcription factor that binds to SP1-like sequences in epsilon- and gamma-globin gene promoters. This binding inhibits cell growth and causes apoptosis. Defects in this gene are a cause of maturity-onset diabetes of the young type 7 (MODY7). Three transcript variants encoding two different isoforms have been found for this gene.

References

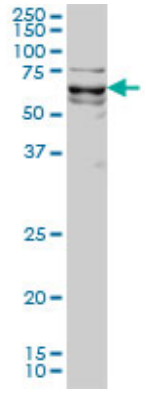
1.A Novel Role of the Sp/KLF Transcription Factor KLF11 in Arresting Progression of Endometriosis.Daftary

GS, Zheng Y, Tabbaa ZM, Schoolmeester JK, Gada RP, Grzenda AL, Mathison AJ, Keeney GL, Lomberk GA, Urrutia RPLoS One. 2013;8(3):e60165. doi: 10.1371/journal.pone.0060165. Epub 2013 Mar 28.

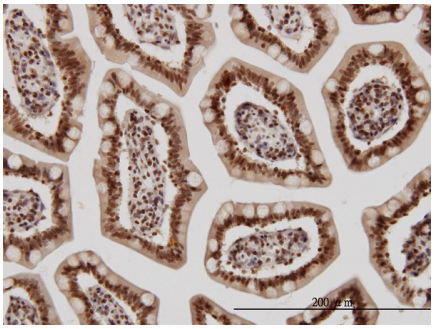
Images



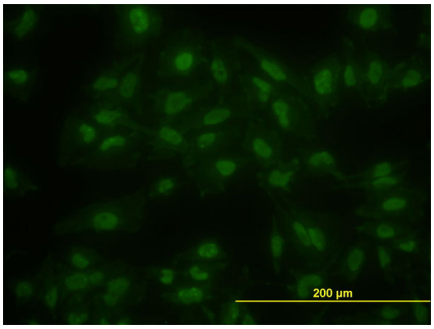
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



KLF11 monoclonal antibody (M01), clone 8F4 Western Blot analysis of KLF11 expression in Hela S3 NE ((Cat # AT2628a)

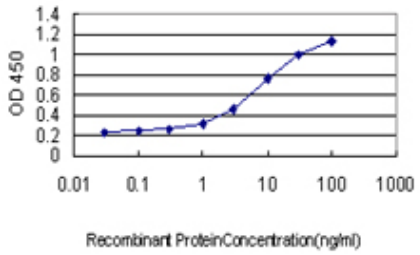


Immunoperoxidase of monoclonal antibody to KLF11 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to KLF11 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged KLF11 is approximately 0.1ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.