

KLF11 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant KLF11.

Catalog # AT2628a

Specification

KLF11 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, IHC, E
Primary Accession	O14901
Other Accession	NM_003597
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	55139

KLF11 Antibody (monoclonal) (M01) - 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

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.

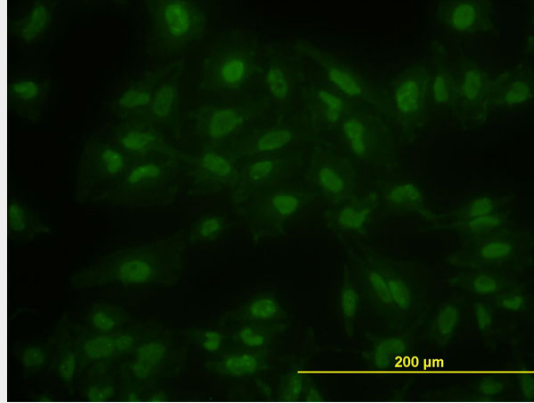
KLF11 Antibody (monoclonal) (M01) - Protocols

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

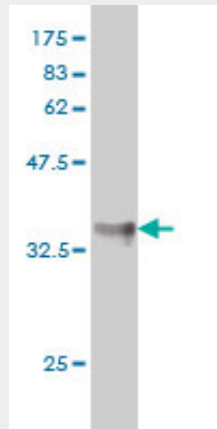
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

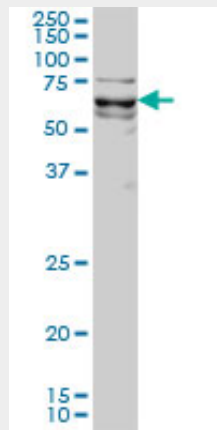
KLF11 Antibody (monoclonal) (M01) - Images



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

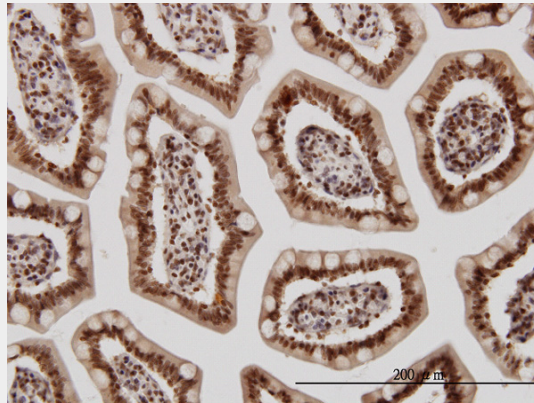


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 KDa) .

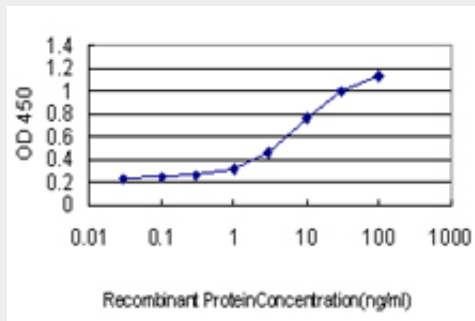


KLF11 monoclonal antibody (M01), clone 8F4 Western Blot analysis of KLF11 expression in HeLa

S3 NE ((Cat # AT2628a)



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



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

KLF11 Antibody (monoclonal) (M01) - 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.

KLF11 Antibody (monoclonal) (M01) - 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 R. *PLoS One*. 2013;8(3):e60165. doi: 10.1371/journal.pone.0060165. Epub 2013 Mar 28.