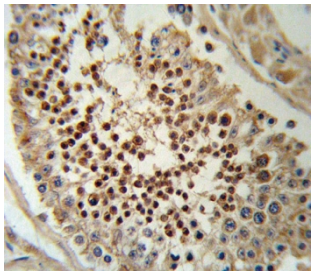
Krueppel-like factor 5 Antibody / KLF5 (F54921)

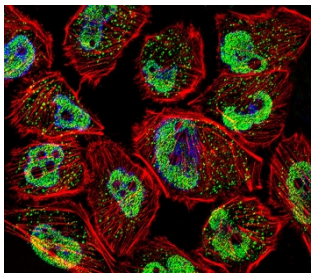
Catalog No.	Formulation	Size
F54921-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54921-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

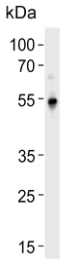
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q13887
Localization	Nuclear
Applications	Western Blot : 1:500-1:1000 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:10-1:50
Limitations	This Krueppel-like factor 5 antibody is available for research use only.



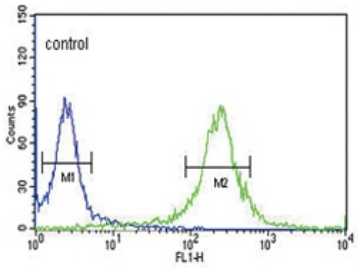
IHC testing of FFPE human testis tissue with Krueppel-like factor 5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of fixed and permeabilized human U-251 cells with Krueppel-like factor 5 antibody (green), DAPI nuclear stain (blue) and anti-Actin (red).



Western blot testing of human CCRF-CEM cell lysate with Krueppel-like factor 5 antibody. Predicted molecular weight: 34-51 kDa (multiple isoforms).



Flow cytometry testing of human HeLa cells with Krueppel-like factor 5 antibody; Blue=isotype control, Green= Krueppel-like factor 5 antibody.

Description

KLF5 is a member of the Kruppel-like factor subfamily of zinc finger proteins. Since the protein localizes to the nucleus and binds the epidermal growth factor response element, the protein is thought to be a transcription factor.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Krueppel-like factor 5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 341-370 from the human protein was used as the immunogen for the Krueppel-like factor 5 antibody.

Storage

Aliquot the Krueppel-like factor 5 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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