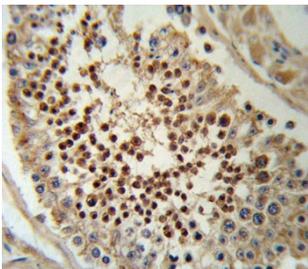


## Krueppel-like factor 5 Antibody / KLF5 (F54921)

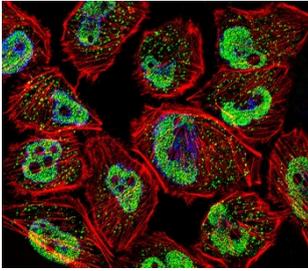
Catalog No.	Formulation	Size
F54921-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54921-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q13887
<b>Localization</b>	Nuclear
<b>Applications</b>	Western Blot : 1:500-1:1000 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:10-1:50
<b>Limitations</b>	This Krueppel-like factor 5 antibody is available for research use only.



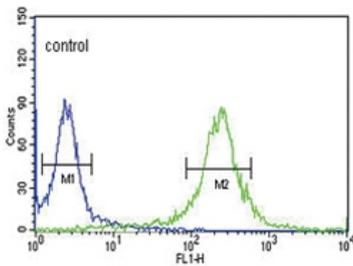
IHC testing of FFPE human testis tissue with Krueppel-like factor 5 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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).

kDa  
100-  
70-  
55-  
35-  
25-  
15-

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 -20°C or colder. Avoid repeated freeze-thaw cycles.

