

## Anti-KLF4 antibody [1E6] (STJ98110)

STJ98110

### GENERAL INFORMATION

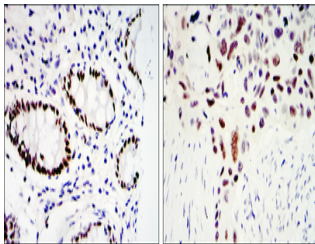
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Krueppel-Like Factor 4 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
<b>Applications</b>	WB, IHC-P, IF, ICC, ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human

### PRODUCT PROPERTIES

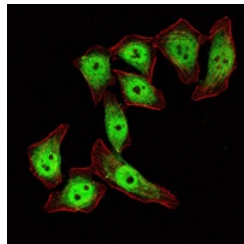
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	1E6
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 ELISA 1:10000
<b>Formulation</b>	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

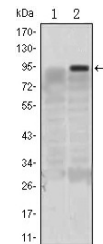
<b>Gene ID</b>	<a href="#">9314</a>
<b>Gene Symbol</b>	<a href="#">KLF4</a>
<b>Uniprot ID</b>	<a href="#">KLF4_HUMAN</a>
<b>Immunogen</b>	Purified recombinant fragment of human GSKLF expressed in E.coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	KLF4 monoclonal antibody (Krueppel-Like Factor 4) binds to endogenous Krueppel-Like Factor 4.
<b>Immunogen Sequence</b>	



Immunohistochemistry analysis of paraffin-embedded colon cancer tissues (left) and lung cancer tissues (right) with DAB staining using GSKLF monoclonal antibody.



Immunofluorescence analysis of ECA109 cells using GSKLF monoclonal antibody (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using GSKLF monoclonal antibody against HEK293 (1) and KLF4-hlgGfc transfected HEK293 (2) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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