



KLF4 Mouse Monoclonal Antibody

E10-30105

Background: Kruppel-like factor 4 (gut),endothelial Kruppel-like zinc finger protein. May act as a transcriptional activator. Binds the CACCC core sequence. May be involved in the differentiation of epithelial cells and may also function in the development of the skeleton and kidney. KLF4 is highly expressed in the epithelial cells of the skin and the gastrointestinal tract.

Catalog Number: E10-30105

Amount: 100µg/100µl

Clone Number: 1E6

Species: Mouse IgG1

MW: 54kDa

Aliases: EZF; GKLF; KLF4

Entrez Gene: 9314

Immunogen: Purified recombinant fragment of human KLF4 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, IHC, IF, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, IF: 1/200 - 1/1000,
ELISA: Propose dilution 1/10000.

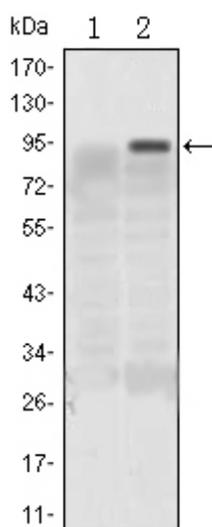


Figure 1: Western blot analysis using KLF4 mAb against HEK293 (1) and KLF4-hlgGfc transfected HEK293 (2) cell lysate.

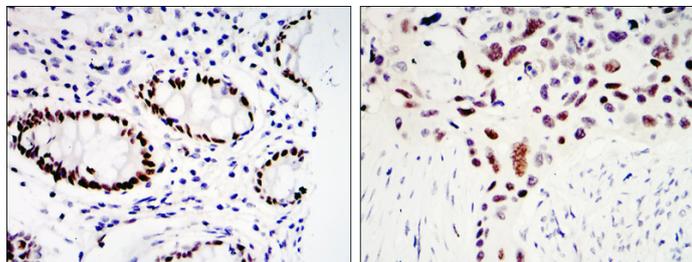


Figure 2: Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and lung cancer tissues (right) using KLF4 mouse mAb with DAB staining

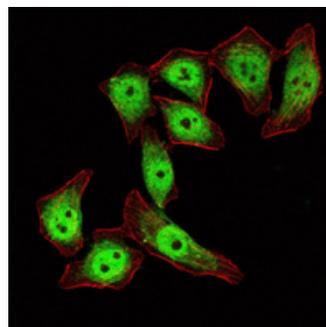


Figure 3: Immunofluorescence analysis of ECA109 cells using KLF4 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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