

### 32-6134: Mouse Anti Human Krueppel-like factor 4(Clone:PAT4E6AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT4E6AT.
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	KLF4
<b>Gene ID :</b>	9314
<b>Uniprot ID :</b>	O43474
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Krueppel-like factor 4,Epithelial zinc finger protein EZF,Gut-enriched krueppel-like factor,KLF4,EZF,GKLF.
<b>Isotype :</b>	Mouse IgG1 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human KLF4 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human KLF4 amino acids 1-170 purified from E. coli.

#### Description

KLF4 (aka the gut-enriched Kruppel-like factor-GKLF), is a zinc finger-containing transcription factor which is a member of the Kruppel-like family of transcription factors. KLF4 plays key roles during the proliferation and differentiation of epithelial cells. Particularly, it is found mainly in the gut and has been shown to be expressed during growth arrest. KLF4 is also involved in cell cycle control since expression of KLF4 inhibits DNA synthesis by blocking the G1/S phase of the cell cycle.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	KLF4 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

KLF4 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1000 ~ 2000. Recommended starting dilution is 1:1000.