KLF4 Monoclonal Antibody (1E5)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1E5
Conjugate	Unconjugated
Immunogen	Immunogen is purified recombinant fragment of human KLF4 (Amino Acid: 2-470) expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_10984501

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	1 Publication
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:200-1:1,000	-
Immunocytochemistry (ICC/IF)	-	2 Publications
ELISA (ELISA)	1:10,000	-

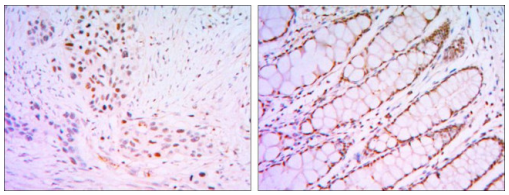
Product Specific Information

MA5-15672 targets KLF4 in indirect ELISA, IHC and WB applications and shows reactivity with Human samples.

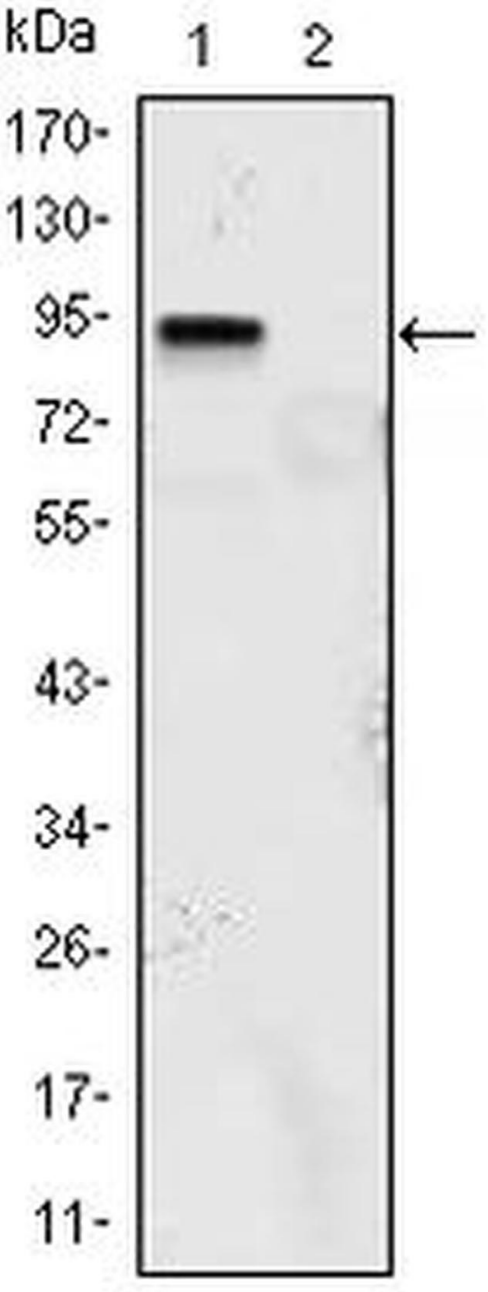
The MA5-15672 immunogen is purified recombinant fragment of human KLF4 (Amino Acid: 2-470) expressed in E. Coli.

MA5-15672 detects KLF4 which has a predicted molecular weight of approximately 55kDa.

Product Images For KLF4 Monoclonal Antibody (1E5)



KLF4 Antibody (MA5-15672) in IHC (P)
Immunohistochemical analysis of paraffin-embedded lung cancer tissues (left) and human rectum tissues (right) using KLF4 monoclonal antibody (Product # MA5-15672) followed with DAB staining.



KLF4 Antibody (MA5-15672) in WB
Western blot analysis of KLF4 using KLF4 monoclonal antibody (Product # MA5-15672) in KLF4 (aa2-470) human IgG Fc transfected HEK293 (1) and HEK293 (2) cell lysate.

View more figures on thermofisher.com

5 References

Western Blot (1)

Stem cells international

Genes Involved in the Transcriptional Regulation of Pluripotency Are Expressed in Malignant Tumors of the Uterine Cervix and Can Induce Tumorigenic Capacity in a Nontumorigenic Cell Line.

"Published figure using KLF4 monoclonal antibody (Product # MA5-15672) in Western Blot"

Authors: Ruiz G,Valencia-González HA,Pérez-Montiel D,Muñoz F,Ocadiz-Delgado R,Fernández-Retana J,Pérez-Plasencia C,Reséndis-Antonio O,Gariglio P,García-Carrancá A

Year
2020

Immunohistochemistry (2)

International journal of molecular sciences

Intratumoral Distribution of Lactate and the Monocarboxylate Transporters 1 and 4 in Human Glioblastoma Multiforme and Their Relationships to Tumor Progression-Associated Markers.

"MA5-15672 was used in Immunohistochemistry to examine the distribution of lactate by multi voxel magnetic resonance spectroscopic imaging and ELIS in gl."

Authors: Kubelt C,Peters S,Ahmeti H,Huhndorf M,Huber L,Cohrs G,Hövener JB,Jansen O,Synowitz M,Held-Feindt J

Year
2020

Species
Human

Dilution
1:250

Oncotarget

Dormant glioblastoma cells acquire stem cell characteristics and are differentially affected by Temozolomide and AT101 treatment.

"Published figure using KLF4 monoclonal antibody (Product # MA5-15672) in Immunohistochemistry"

Authors: Adamski V,Hempelmann A,Flüh C,Lucius R,Synowitz M,Hattermann K,Held-Feindt J

Year
2017

Immunocytochemistry (2)

International journal of molecular sciences

Intratumoral Distribution of Lactate and the Monocarboxylate Transporters 1 and 4 in Human Glioblastoma Multiforme and Their Relationships to Tumor Progression-Associated Markers.

"MA5-15672 was used in Immunohistochemistry to examine the distribution of lactate by multi voxel magnetic resonance spectroscopic imaging and ELIS in gl."

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Year
2020

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Human

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