Cytokeratin 5 Monoclonal Antibody (SP27)

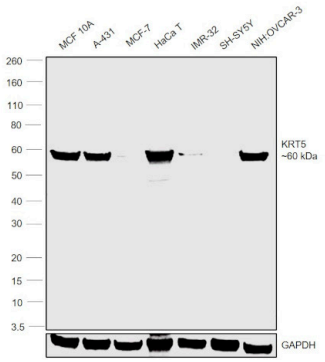
Product Details	
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	SP27
Conjugate	Unconjugated
Immunogen	Synthetic peptide from C-terminus of human cytokeratin 5.
Form	Liquid
Concentration	Conc. not determined
Purification	Protein A/G
Storage buffer	PBS, pH 7.6, with 1% BSA
Contains	0.1% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2537891

Applications	**Tested Dilution**	**Publications**
Western Blot (WB)	1:100-1:1000	-
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunohistochemistry (Frozen) (IHC (F))	1:30	-
Immunocytochemistry (ICC/IF)	1:100	1 Publication
Flow Cytometry (Flow)	1:100	-

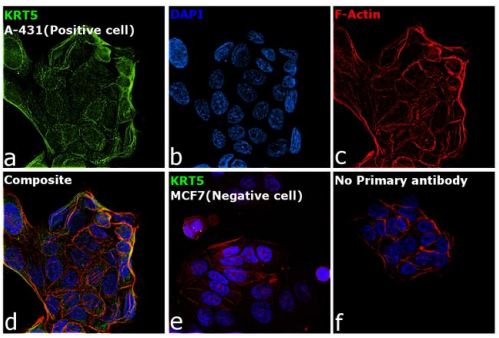
Product Specific Information

Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control is skin, breast, prostate, prostate carcinoma or mesothelioma.

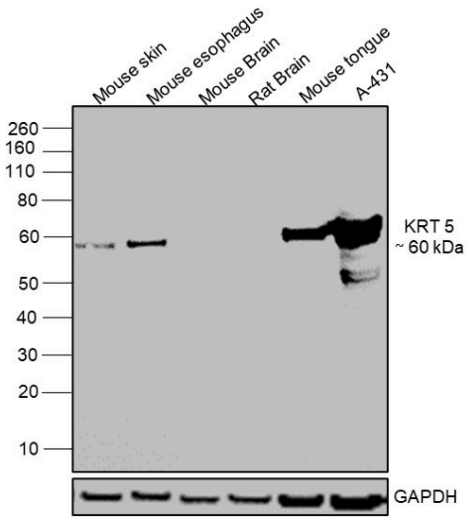
Product Images For Cytokeratin 5 Monoclonal Antibody (SP27)



Cytokeratin 5 Antibody (MA5-16372)
Antibody specificity was demonstrated by detection of differential basal expression of the target across the cell lines tested owing to their inherent genetic constitution. Relative expression of Cytokeratin 5 Monoclonal Antibody (SP27) (Product # MA5-16372) was observed in MCF 10A, A-431, HaCa T and NIH:OVCAR-3 cell lines in comparison to MCF7, IMR-32 and SH-SY5Y cell lines in Western Blot. {RE}



Cytokeratin 5 Antibody (MA5-16372)
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis using Cytokeratin 5 Monoclonal Antibody (SP27) (Product # MA5-16372), shows increased expression of cytokeratin 5 in A-431 cell line when compared to MCF7. {RE}



Cytokeratin 5 Antibody (MA5-16372)
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines and tissue tested owing to their inherent genetic constitution. Relative expression of KRT5 was observed to be higher in mouse tongue, mouse skin and mouse esophagus as compared to mouse brain and A431 cell line. using Anti-Cytokeratin 5 Monoclonal Antibody (SP27) (Product # MA5-16372) in Western Blot. {RE}

View more figures on thermofisher.cn

3 References

Immunohistochemistry (2)

International journal of molecular sciences

Human Mesenchymal Stromal Cell-Derived Exosomes Promote In Vitro Wound Healing by Modulating the Biological Properties of Skin Keratinocytes and Fibroblasts and Stimulating Angiogenesis.

"MA5-16372 was used in Immunohistochemistry to test if MSC-derived exosomes could accelerate wound healing by enhancing the biological properties of the main cell types involved in the key phases of this process."

Authors: Tutuianu R,Rosca AM,Iacomi DM,Simionescu M,Titorencu I

Year
2021

Species
Human

Histopathology

Immunohistochemistry in the diagnosis of papillary lesions of the breast.

"MA5-16372 was used in immunohistochemistry to establish a diagnostic immunohistochemical marker panel applicable to breast papilliary lesions"

Authors: Tse GM,Ni YB,Tsang JY,Shao MM,Huang YH,Luo MH,Lacambra MD,Yamaguchi R,Tan PH

Year
2014

Species
Human

Dilution
1:100

Immunocytochemistry (1)

Endocrinology

B-cell maturation antigen (BCMA) activation exerts specific proinflammatory effects in normal human keratinocytes and is preferentially expressed in inflammatory skin pathologies.

"MA5-16372 was used in immunocytochemistry to study the expression and role of B-cell maturation antigen in inflammatory skin pathologies"

Authors: Alexaki VI,Pelekanou V,Notas G,Venihaki M,Kampa M,Dessirier V,Sabour-Alaoui S,Stathopoulos EN,Tsapis A, Castanas E

Year
2012

Species
Human

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