

# Cytokeratin 14 Monoclonal Antibody (SP53)

## Product Details

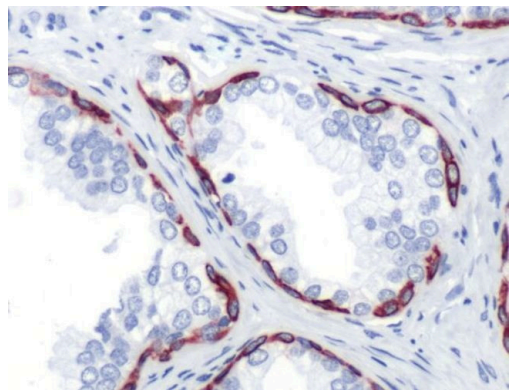
Size	500 µL
Species Reactivity	Human, Mouse, Rat
Published Species	C. elegans
Host/Isotype	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	SP53
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to C-terminus of human keratin 14 protein
Form	Liquid
Concentration	1.17 mg/mL
Purification	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_2537889

Applications	Tested Dilution	Publications
Western Blot (WB)	1:25	-
Immunohistochemistry (IHC)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	1:100	-
Immunohistochemistry (Frozen) (IHC (F))	1:500	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
Flow Cytometry (Flow)	1:100-1:1,900	-

## Product Specific Information

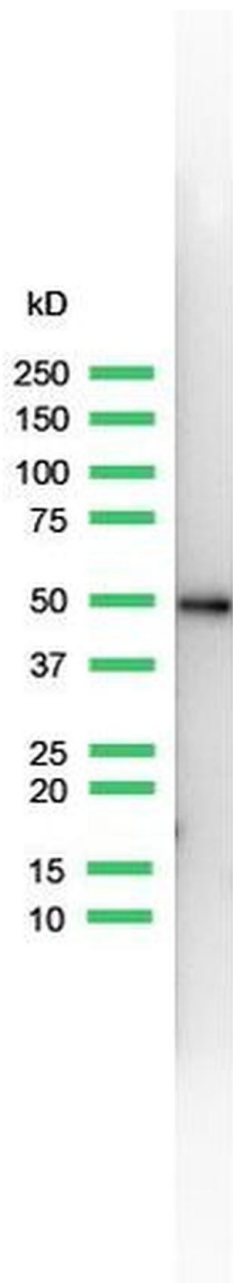
Heat-mediated antigen retrieval is recommended prior to staining, using a 10mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at room temperature for 20 min. Following antigen retrieval, incubate samples with primary antibody for 30 min at room temperature. A suggested positive control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

## Product Images For Cytokeratin 14 Monoclonal Antibody (SP53)



### Cytokeratin 14 Antibody (MA5-16370) in IHC (P)

Immunohistochemical analysis of Keratin 14 using anti-Keratin 14 Monoclonal Antibody (Product # MA5-16370) in Prostate Cancer Tissue. The recommended dilution for this antibody in immunohistochemistry applications is 1:100.



### Cytokeratin 14 Antibody (MA5-16370) in WB

Western blot analysis of A431 Cells using anti-Keratin 14 Monoclonal Antibody (Product # MA5-16370). The recommended dilution for this antibody in western blot applications is 1:25.

## Immunohistochemistry (1)

International journal of molecular sciences

### Identification of a Novel Subset of Human Airway Epithelial Basal Stem Cells.

"MA5-16370 was used in Immunohistochemistry to develop a novel monoclonal antibody, HLO1-6H5, that identifies a subset of KRT5+ (cytokeratin 5) basal cells."

Authors: Cheng C,Katoch P,Zhong YP,Higgins CT,Moredock M,Chang MEK,Flory MR,Randell SH,Streeter PR

Year  
2024

Species  
C. elegans

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