

Product Name: Cytokeratin 7 Rabbit Monoclonal Antibody
Catalog #: AMRe01890

Summary

Production Name	Cytokeratin 7 Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	KRT7
Alternative Names	CK 7; CK-7; ck7; Cytokeratin 7; Cytokeratin-7; Cytokeratin7; D15Wsu77e; K2C7; K2C7_HUMAN; K7; Keratin 55k type ii cytoskeletal; Keratin 7; Keratin simple epithelial type 1 k7; Keratin type II cytoskeletal 7
Gene ID	3855
SwissProt ID	P08729.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 51 kDa; Observed MW: 51 kDa

Product Name: Cytokeratin 7 Rabbit Monoclonal Antibody
Catalog #: AMRe01890



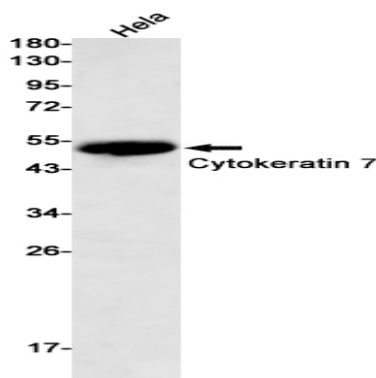
Background

K7 a type II cytoskeletal keratin. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Phosphorylation of keratins at specific sites affects their organization, assembly dynamics, and their interaction with signaling molecules. Specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels.

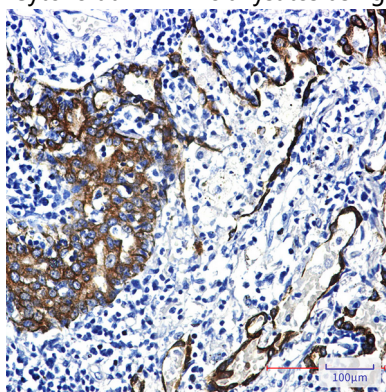
Research Area

Signal Transduction

Image Data

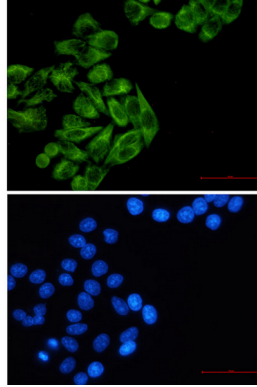


Western blot analysis of Cytokeratin 7 in HeLa lysates using Cytokeratin 7 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Cytokeratin 7 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Product Name: Cytokeratin 7 Rabbit Monoclonal Antibody
Catalog #: AMRe01890



Immunocytochemistry analysis of Cytokeratin 7 (green) in Hela using Cytokeratin 7 antibody, and DAPI(blue)

Note

For research use only.