

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody

Catalog # ABO14159

Specification

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC

Primary Accession
Host
Rabbit
Isotype
Rabbit IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal Format Liquid

Description

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody - Additional Information

Gene ID 3855

Other Names

Keratin, type II cytoskeletal 7, Cytokeratin-7, CK-7, Keratin-7, K7, Sarcolectin, Type-II keratin Kb7, KRT7, SCL

Calculated MW

51386 MW KDa

Application Details

WB 1:500-1:1000
IHC 1:100-1:500
ICC/IF 1:50-1:200

Subcellular Localization

Cytoplasm.

Tissue Specificity

Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Cytokeratin 7

Purification

Affinity-chromatography

Storage Store at -20°C for one year. For short term



storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody - Protein Information

Name KRT7

Synonyms SCL

Function

Blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7).

Cellular Location

Cytoplasm.

Tissue Location

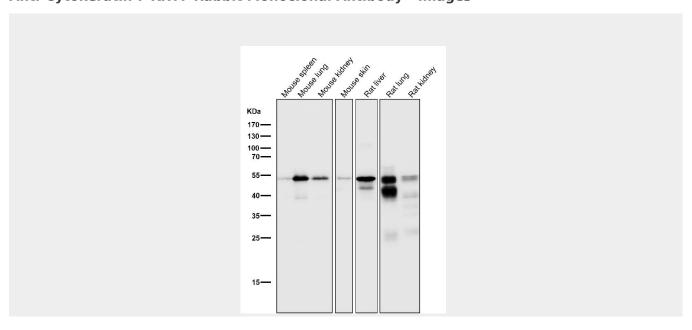
Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

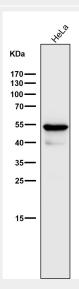
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Cytokeratin 7 KRT7 Rabbit Monoclonal Antibody - Images

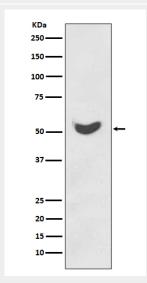




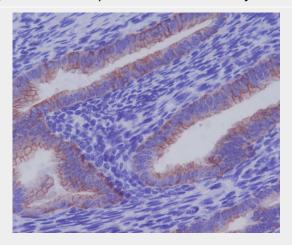
All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1W dilution for 1 hour at room temperature.

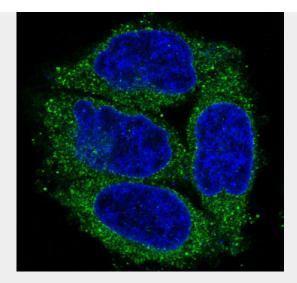


Western blot analysis of Cytokeratin 7 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human uterus, using Cytokeratin 7 Antibody.





Immunofluorescent analysis of HeLa cells, using Cytokeratin 7 Antibody.