

Cytokeratin 13 (KRT13) Monoclonal Antibody

CAB0411

Description

This Cytokeratin 13 (KRT13) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB0411
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: K13, CK13, WSN2, Cytokeratin 13 (KRT13)
Clone: ARC1824
Applications: **WB** | **IHC-P** | **ELISA** | **IF-P**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 3860
Uniprot: AB_2861460
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 50 kDa
Calculated MW: 50 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

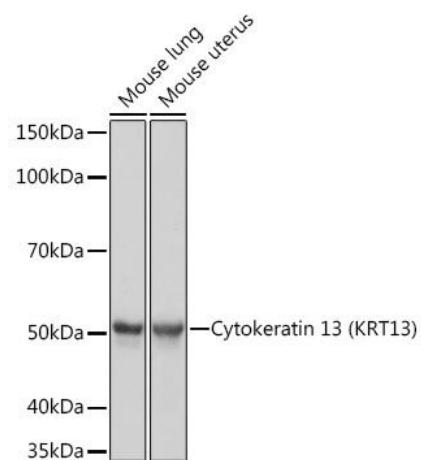
Positive Sample: Mouse lung, A-431

Recommended Dilutions:

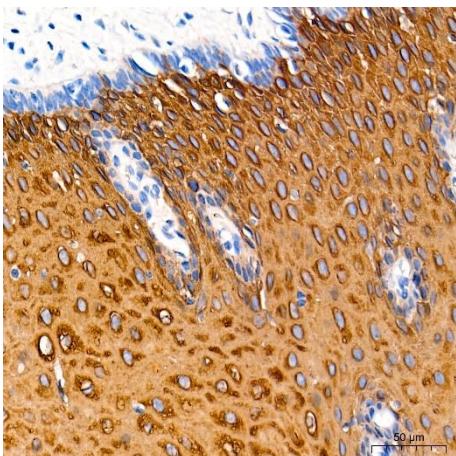
WB	1:5000 - 1:20000
IF-P	1:100 - 1:1000
IHC-P	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

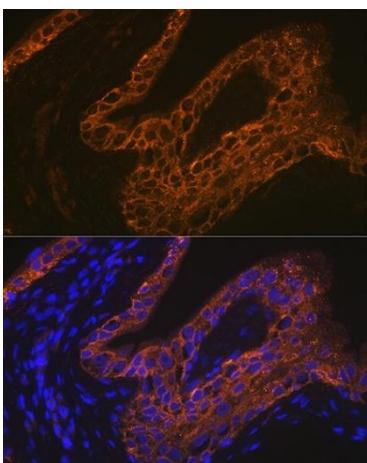
Validation Data



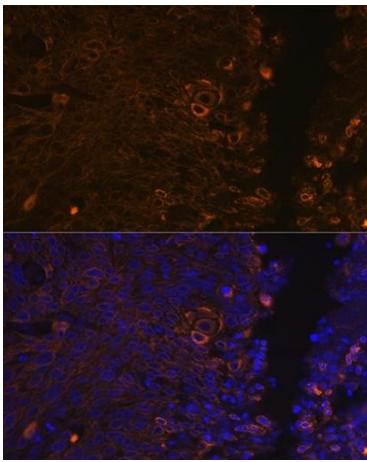
Western blot analysis of various lysates using Cytokeratin 13 Rabbit mAb (CAB0411) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using Cytokeratin 13 Rabbit mAb (CAB0411) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded rat bladder using Cytokeratin 13 Rabbit mAb (CAB0411) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of paraffin-embedded human cervix cancer using Cytokeratin 13 Rabbit mAb (CAB0411) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.