

Cytokeratin 5 (KRT5) Antibody

CAB2662

Description

This Cytokeratin 5 (KRT5) 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: CAB2662

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: K5, CK5, DDD, DDD1, EBS1, EBS2, EBS2A, EBS2B, EBS2C, EBS2D, EBS2E, EBS2F, KRT5A, Cytokeratin 5 (KRT5)

Clone: -

Applications: WB IHC-P IF/ICC IP ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse

Antibody Data

Gene ID: 3852

Uniprot: AB_2764528

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 62kDa

Calculated MW: 62kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

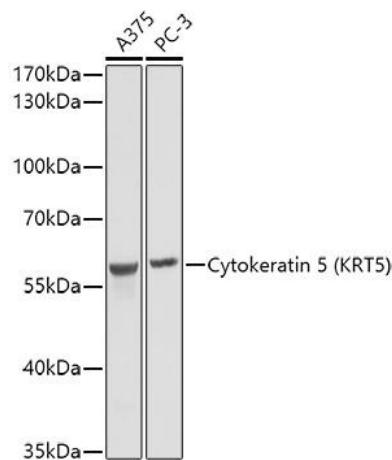
Positive Sample: A375, PC-3

Recommended Dilutions:

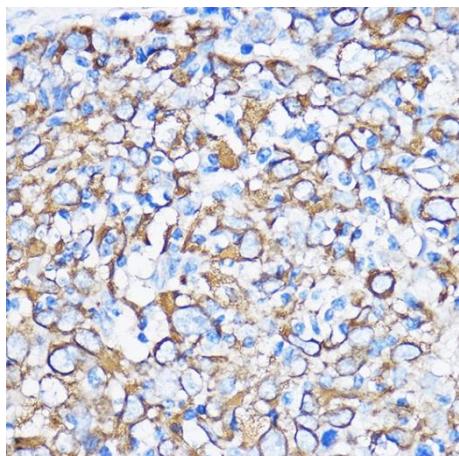
WB	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

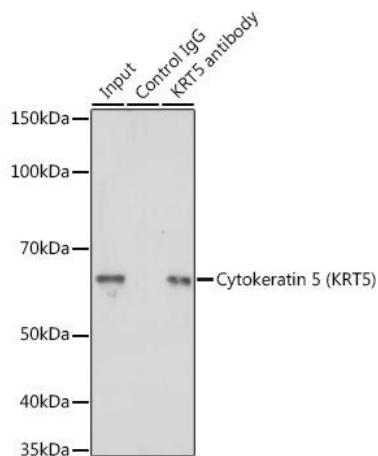
Validation Data



Western blot analysis of various lysates using Cytokeratin 5 Rabbit pAb (CAB2662) 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 esophageal cancer using Cytokeratin 5 Rabbit pAb (CAB2662) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunoprecipitation analysis of 200 µg extracts of A-431 cells using 3 µg Cytokeratin 5 antibody (CAB2662). Western blot was performed from the immunoprecipitate using Cytokeratin 5 antibody (CAB2662) at a dilution of 1:5000.