

KRT5 Polyclonal Antibody

Catalog No: tcba7666



Available Sizes

Size: 50ul

Size: 100ul

Size: 200ul



Specifications

Application:

WB,IHC,IF

Species Reactivity:

Human,Mouse

Host Species:

Rabbit

Isotype:

IgG

Form:

Liquid

Storage Buffer:

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution:

WB 1:500 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:200

Storage Instruction:

Store at -20°C. Avoid freeze / thaw cycles.

Alternative Names:

CK5;DDD;DDD1;EBS2;K5;KRT5A

SwissProt:

P13647

Gene ID:

3852 (human);

Calculated Molecular Weight:

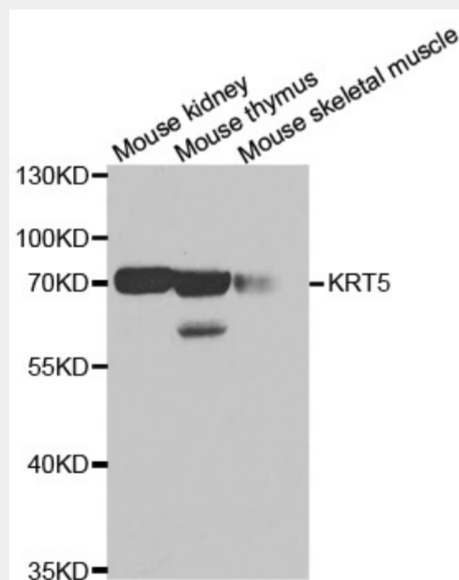
62kDa

Purification:

Affinity purification

Product Description

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.



Western blot analysis of extracts of various cell lines, using KRT5 antibody at 1:500 dilution.

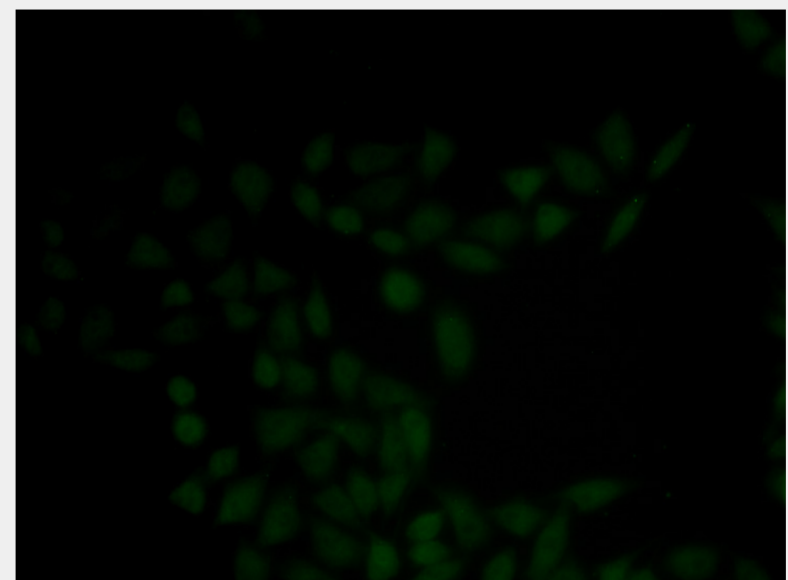
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

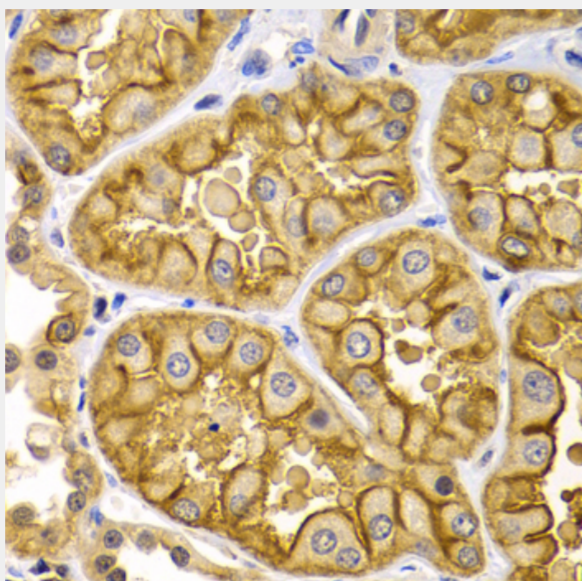
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

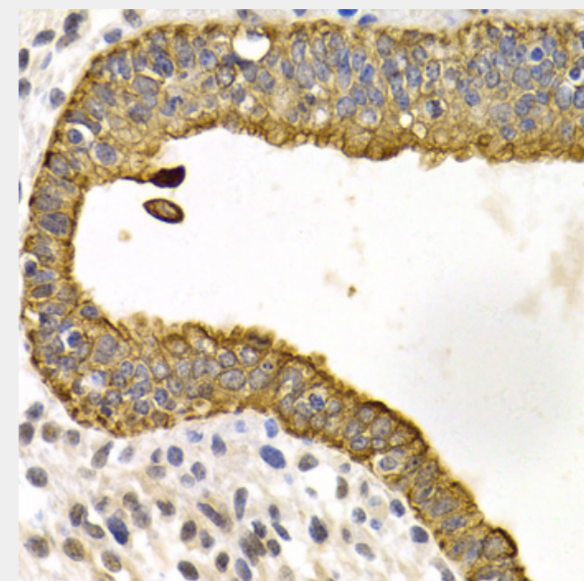
Exposure time: 5s.



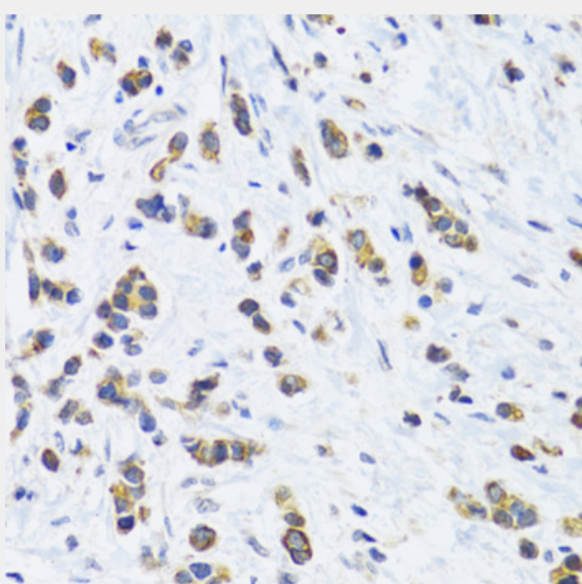
Immunofluorescence analysis of HeLa cells using KRT5 antibody.



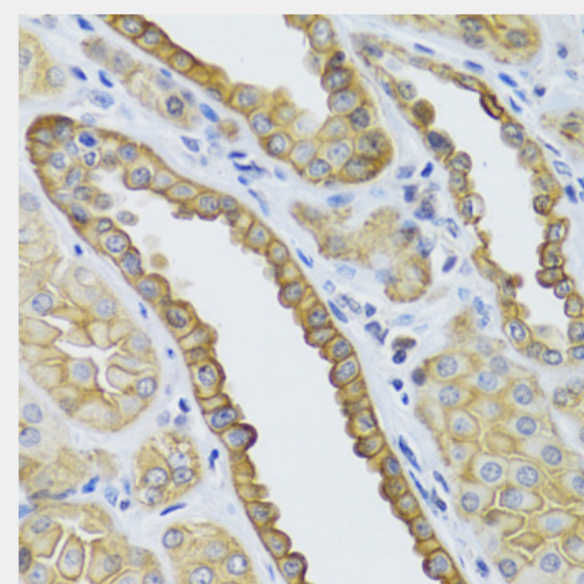
Immunohistochemistry of paraffin-embedded human kidney using KRT5 Antibody at dilution of 1:200 (40x lens).



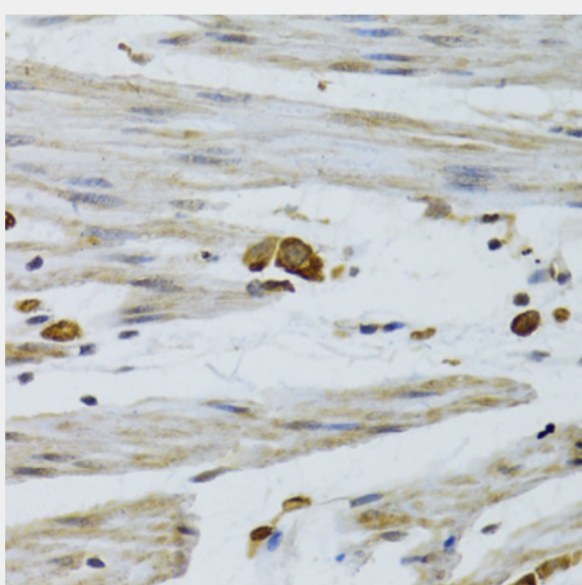
Immunohistochemistry of paraffin-embedded human uterine cancer using KRT5 Antibody at dilution of 1:200 (40x lens).



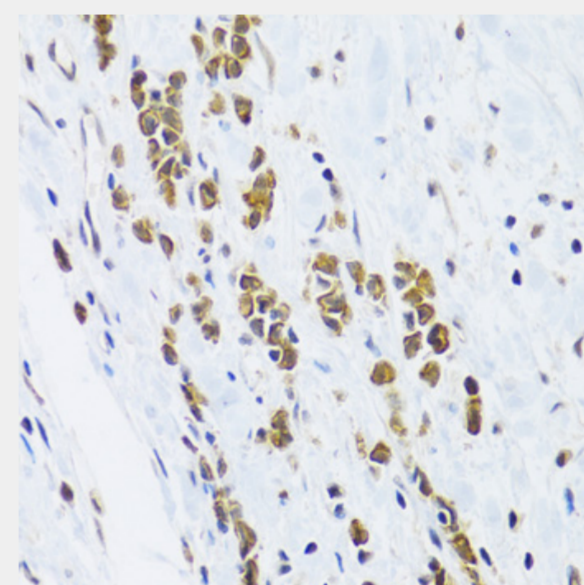
Immunohistochemistry of paraffin-embedded human breast cancer using KRT5 Antibody at dilution of 1:100 (40x lens).



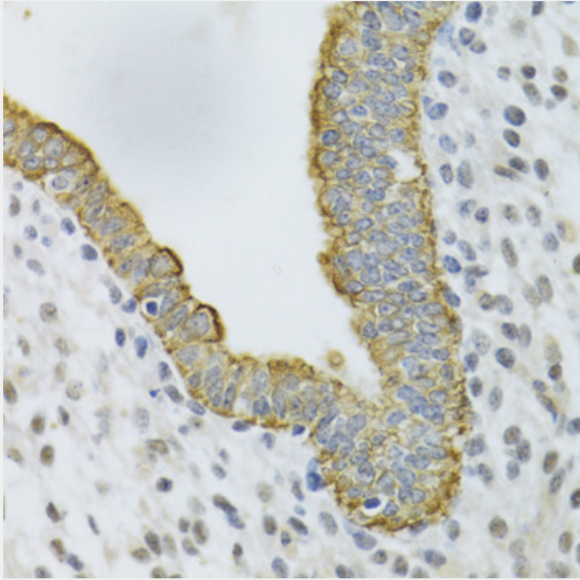
Immunohistochemistry of paraffin-embedded human kidney using KRT5 Antibody at dilution of 1:100 (40x lens).



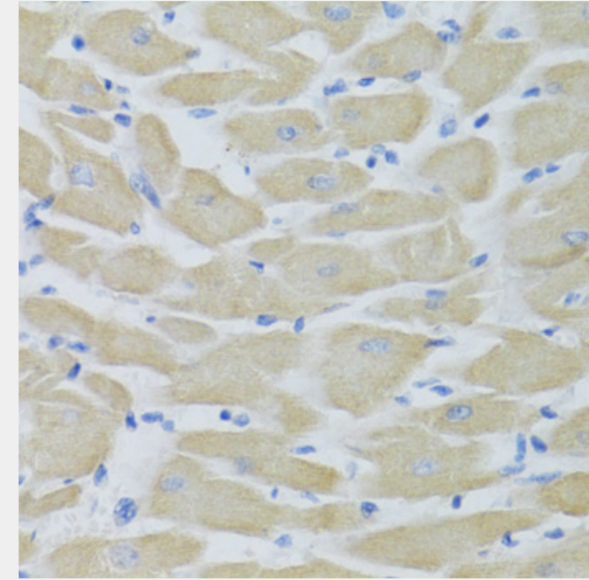
Immunohistochemistry of paraffin-embedded human stomach using KRT5 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using KRT5 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human uterine cancer using KRT5 Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse heart using KRT5 Antibody at dilution of 1:100 (40x lens).

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!