**Cytokeratin 5 / KRT5 Antibody, Rabbit MAb**

**Catalog Number:** 100312-R176

**Immunogen:** A synthetic peptide corresponding to the center region of the Human Cytokeratin 5/KRT5

**Preparation:** This antibody was obtained from a rabbit immunized with a synthetic peptide corresponding to the center region of the Human Cytokeratin 5/KRT5.

**Ig Type:** Rabbit IgG

**Clone ID:** 176

**Specificity:** Human Cytokeratin 5/KRT5

**Formulation:** 0.2 μm filtered solution in PBS

**Storage:** This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

**Alternative Names:** CK5,DDD,DDD1,EBS2,K5,KRT5A

### APPLICATIONS

**Applications:** WB, ICC/IF

### RECOMMENDED CONCENTRATION

<table>
<thead>
<tr>
<th>Application</th>
<th>Concentration</th>
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</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td>1:20-1:100</td>
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<tr>
<td>Western Blot</td>
<td>WB: 1:500-1:2000</td>
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</tbody>
</table>

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*

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Tel: 215-583-7898 (US); +86-400-890-9989 (Global) ● [http://www.sinobiological.com](http://www.sinobiological.com)
Immunofluorescence staining of KRT5 in A431 cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human KRT5 monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cytoplasm.

Anti-KRT5 rabbit monoclonal antibody at 1:500 dilution
Lane A: A431 Whole Cell Lysate
Lysates/proteins at 30 μg per lane.
Secondary
Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution.
Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 62 kDa
Observed band size: 62 kDa (We are unsure as to the identity of these extra bands.)