**Product datasheet**

**Anti-Cytokeratin 6 antibody [EPR1603Y] ab52620**

**Overview**

**Product name**
Anti-Cytokeratin 6 antibody [EPR1603Y]

**Description**
Rabbit monoclonal [EPR1603Y] to Cytokeratin 6

**Host species**
Rabbit

**Tested applications**
*Suitable for:* WB, IHC-P, ICC/IF
*Unsuitable for:* Flow Cyt or IP

**Species reactivity**
*Reacts with:* Human

**Immunogen**

Database link: [P48668](#)

**Positive control**
A431 cell lysate, human squamous cervical carcinoma, A431 cells.

**General notes**
Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMab® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab® patents](#).

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

**Properties**

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

**Storage buffer**
pH: 7.20
Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant

**Purity**
Tissue culture supernatant
Clonality: Monoclonal  
Clone number: EPR1603Y  
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab52620 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>WB</td>
<td>1/1000000</td>
<td>Predicted molecular weight: 60 kDa.</td>
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<tr>
<td>IHC-P</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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<tr>
<td>ICC/IF</td>
<td></td>
<td>1/100 - 1/250.</td>
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</tbody>
</table>

Application notes  
Is unsuitable for Flow Cyt or IP.

Target

Tissue specificity  
Constitutively expressed in distinct types of epithelia such as those in oral mucosa, esophagus, papillae of tongue and hair follicle outer root sheath.

Sequence similarities  
Belongs to the intermediate filament family.

Images

Immunocytochemistry/Immunofluorescence analysis of HaCaT (Human keratinocyte cell line) labelling Cytokeratin 6 with purified ab52620 at 1/1000. Cells were fixed with 4% PFA and permeabilized with 0.1% triton X-100. ab150077 Goat anti rabbit IgG (Alexa Fluor® 488) at 1/1000 was used as the secondary antibody. Nuclei were counterstained with DAPI. PBS was used instead of the primary antibody as the negative control.
Western blot - Anti-Cytokeratin 6 antibody [EPR1603Y] (ab52620) at 1/100000 dilution + A431 cell lysate at 10 µg

**Secondary**
Goat anti-rabbit HRP antibody at 1/2000 dilution

**Predicted band size:** 60 kDa  
**Observed band size:** 60 kDa

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 6 antibody [EPR1603Y] (ab52620)

Ab52620 at 1/100-1/250 dilution staining human squamous cervical carcinoma; paraffin embedded.

Immunocytochemistry/Immunofluorescence - Anti-Cytokeratin 6 antibody [EPR1603Y] (ab52620)

Ab52620 at 1/100-1/250 dilution staining A431 cells.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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