Anti-Human KRT19 Antibody [K16229_11E5]

Catalog No. K16229U11E05C

Overview

Product name: Anti-Human KRT19 Antibody [K16229_11E5]
Antibody specificity: Keratin 19 (Cytokeratin-19, CK-19)
Species reactivity: Human
Clonality: Monoclonal
Clone number: K16229_11E5
Host / isotype: Mouse / IgG1
Immunogen: Human KRT19 peptide
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated

Shipping, storage and shelf life

* 3 months when stored at 2 to 8 °C
* 1 year when aliquoted and stored at -20 °C
* 3 years when aliquoted and stored at -80 °C

Applications

<table>
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<tr>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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Note:
* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

Additional information

Target antigen

Protein name: Keratin 19
Gene name: KRT19
UniProt Accession: P08727
Organism: Homo sapiens (Human)

Product data

Western blotting

Various protein samples were run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K16229_11E5 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. KRT19 band was visualized using ECL Western Blotting Substrate.

Lane 1: 15 µg of HeLa lysate
Lane 2: 15 µg of MCF-7 lysate
Lane 3: 15 µg of HCT116 lysate
Lane 4: 15 µg of HT-29 lysate
Lane 5: 15 µg of Hep G2 lysate
Lane 6: 15 µg of SK-OV-3 lysate
Lane 7: 15 µg of rat lung lysate

Result: K16229_11E5 can detect human KRT19 by Western blotting.