Product name: Anti-Human KRT19 Antibody [K16229_1G5]

Antibody specificity: Keratin 19 (Cytokeratin-19, CK-19)

Species reactivity: Human

Clonality: Monoclonal

Clone number: K16229_1G5

Host / isotype: Mouse / IgG2a

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

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<th>Method</th>
<th>Recommended concentration</th>
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<td>Western blot (WB)</td>
<td>1 µg/mL</td>
<td></td>
</tr>
<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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</table>

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_1G5 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

Result: K16229_1G5 can detect human KRT19 by Western blotting.