Anti-Human GH1 Antibody (HRP) [KT34]

Catalog No. K01013R03G12H

Overview

Product name: Anti-Human GH1 Antibody (HRP) [KT34]
Antibody specificity: Growth hormone (GH1)
Species reactivity: Human
Clonality: Monoclonal
Clone number: KT34
Host / isotype: Rat / IgG2a
Immunogen: Recombinant human GH1
Cross reactivity: Not tested
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.01% preservative
Conjugation: Conjugated with peroxidase
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>
<thead>
<tr>
<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Sandwich ELISA</td>
<td>1 µg/mL</td>
<td>Peroxidase conjugated KT34 can pair with KT19 for sandwich ELISA. KT19 is used as the capture antibody.</td>
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</tbody>
</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: Growth hormone 1
- Gene name: GH1
- UniProt Accession: P01241
- Organism: Homo sapiens (Human)

Paired antibody information:
- KT34 may pair with KT19 for sandwich based immune assays.

Product data

**Sandwich ELISA**

Microtiter wells were coated with KT19 at 5 µg/mL as the capture antibody. GH1 was used as the antigen. Peroxidase conjugated rat anti-human GH1 monoclonal antibody (KT34) was used as the detection antibody.

Result: KT34 and KT19 can be used as a matched antibody pair to detect and quantify the concentration of GH1.