Product datasheet

Anti-Ricin toxin A chain antibody ab27169

4 References

Overview

Product name
Anti-Ricin toxin A chain antibody

Description
Rabbit polyclonal to Ricin toxin A chain

Host species
Rabbit

Tested applications
Suitable for: Electron Microscopy, ELISA, WB

Species reactivity
Reacts with: Other species

Immunogen
Full length native protein: Purified intact A chain from RCA 60.

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Storage buffer
pH: 7.40
Preservative: 0.097% Sodium azide
Constituents: 0.0268% PBS, 2.9% Sodium chloride

Purity
Whole antiserum

Purification notes
sterile-filtered (0.22 mm pore size) serum with the addition of 15 mM NaN3

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab27169 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
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<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Electron Microscopy</td>
<td></td>
<td>Use at an assay dependent concentration. PubMed: 21886775</td>
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<tr>
<td>ELISA</td>
<td>1/20000</td>
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Ricin chain A (RTA) is a ribosome inactivating enzyme with a molecular weight of 32 kDa. RTA is normally linked by a disulfide bond to the galactose/N acetylgalactosamine binding lectin (34 kDa), also called the B chain or RTB. Together with RTB, RTA constitutes the heterodimeric cytotoxin Ricin (RCA 60) from Ricinus communis. This ricin, which is a type 2 RIP (ribosome inactivating protein) is among the most potent cytotoxins in nature. Ricin is highly toxic to animal cells and to a lesser extent to plant cells.

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