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Datasheet for ABIN729632

## anti-Indole 3 Acetic Acid antibody (Cy5)

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | Indole 3 Acetic Acid (IAA)  |
| Reactivity:  | Please inquire  |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This Indole 3 Acetic Acid antibody is conjugated to Cy5   |
| Application: | Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

### Product Details

|                             |                         |
|-----------------------------|-------------------------|
| Immunogen:                  | KLH conjugated with IAA |
| Isotype:                    | IgG                     |
| Cross-Reactivity (Details): | Indole-3-Acetic Acid    |
| Purification:               | Purified by Protein A.  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | Indole 3 Acetic Acid (IAA)  |
| Alternative Name: | IAA ( <a href="#">IAA Products</a> )  |
| Target Type:      | Chemical  |
| Background:       | Synonyms: Indole-3-Acetic Acid, indole-3-acetic acid_indol- yl-3-acetic acid. |

## Target Details

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Background: Indole-3-acetic acid, also known as IAA, is a heterocyclic compound that is an phytohormones called auxins. This colourless solid is probably the most important plant auxin. The molecule is derived from indole, containing a carboxymethyl group (acetic acid). IAA has many different effects, as all auxins do, such as inducing cell elongation and cell division with all subsequent results for plant growth and development. There are less expensive and metabolically stable synthetic auxin analogs on the market for use in horticulture, such as indole-3-butyric acid (IBA) and 1-naphthaleneacetic acid (NAA).

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months