

## Mouse anti-2,4-D Monoclonal Antibody

Cat. No. CAB052    Lot. No. (See product label)

### SPECIFICATION

|                            |                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Product Overview</b>    | Mouse 2,4-Dichlorophenoxyacetic acid Monoclonal antibody has a molecular mass of 221.0 Da.                                                                                                                                                                                                                                                                                       |
| <b>Source</b>              | Mouse                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Antigen information</b> | 2,4-Dichlorophenoxyacetic acid (2,4-D) is a common systemic herbicide used in the control of broadleaf weeds. It is the most widely used herbicide in the world, and the third most commonly used in North America. 2,4-D is also an important synthetic auxin, often used in laboratories for plant research and as a supplement in plant cell culture media such as MS medium. |
| <b>Formula</b>             | C <sub>8</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>3</sub>                                                                                                                                                                                                                                                                                                                     |
| <b>Alias</b>               | 2,4-D; hedonal; trinoxol                                                                                                                                                                                                                                                                                                                                                         |
| <b>CAS number</b>          | 94-75-7                                                                                                                                                                                                                                                                                                                                                                          |
| <b>concentration</b>       | 100g/0.2m;l 500g/1ml                                                                                                                                                                                                                                                                                                                                                             |
| <b>Application</b>         | WB=1:100 Elisa =1:500-1000 IP=1:50-100 IHC=1:200-500                                                                                                                                                                                                                                                                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA