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Datasheet for ABIN880503

anti-2,4-Dichlorophenoxyacetic acid antibody (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	2,4-Dichlorophenoxyacetic acid (2,4-D)
Reactivity:	Chemical
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 2,4-Dichlorophenoxyacetic acid antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated to 2,4-D
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	2,4-Dichlorophenoxyacetic acid (2,4-D)
Alternative Name:	2,4-D (2,4-D Products)
Target Type:	Chemical
Background:	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. [1] 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

Target Details

medium. 2,4-D is a synthetic auxin, which is a class of plant growth regulators. It is absorbed through the leaves and is translocated to the meristems of the plant. Uncontrolled, unsustainable growth ensues causing stem curl-over, leaf withering, and eventual plant death. 2,4-D is typically applied as an amine salt, but more potent ester versions exist as well.

Synonyms: 2,4-Dichlorophenoxyacetic acid.

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

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: 4 °C

Storage Comment: Store at 4°C

Expiry Date: 12 months