



MONOCLONAL ANTIBODY

For research use only. Not for diagnostic use.

Catalog No. KYU-HT-M007

Anti 2,4-dichlorophenoxyacetic acid

BACKGROUND

2,4-dichlorophenoxyacetic acid is a common herbicide.

Product type	Primary antibody
Immunogen	2,4-D(2,4-dichlorophenoxyacetic acid) -BSA
Raised in	Mouse (Balb/c)
Myeloma	P3-X63-Ag8-653
Clone number	2C4
Isotype	IgG1 k
Source	Serum free culture supernatant
Purification	Protein G
Buffer	PBS containing 0.02% NaN ₃ as a preservative
Concentration	1mg / mL
Volume	100 UL
Label	Unlabeled
Specificity	2,4-DP(2,4-dichlorophenol), 2,4-D(2,4-dichlorophenoxyacetic acid)
Cross reactivity	-
Storage	Store below -20 degrees (below -70 degrees for prolonged storage) Aliquot to avoid cycles of freeze / thaw.

Application notes	• ELISA (Ref.1)
Recommended dilutions	Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

References	1) Tanaka H. et al., Preparation of anti-2,4-dichlorophenol and 2,4-dichlorophenoxyacetic acid monoclonal antibodies, Cytotechnology. 2003 Jul;42(2):101-7. PMID: 19002932
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