

Anti-Simazine/Atrazine antibody [4D6] ab27148

Overview

Product name	Anti-Simazine/Atrazine antibody [4D6]
Description	Mouse monoclonal [4D6] to Simazine/Atrazine
Host species	Mouse
Specificity	For this antibody, cross reactivities below 24% were found for terbuthylazine, desethylterbuthylazine and desisopropylatrazine. The antibody has not yet been tested against propazine.
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Species independent
Immunogen	Simazine derivative coupled to carrier protein.

General notes

This antibody is highly reactive to surfaces coated with proteins conjugated with simazine derivatives. In a competitive assay the antibody can be inhibited by ppb amounts of free simazine and atrazine.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity	Protein A purified
Primary antibody notes	This antibody is highly reactive to surfaces coated with proteins conjugated with simazine derivatives. In a competitive assay the antibody can be inhibited by ppb amounts of free simazine and atrazine.

Clonality	Monoclonal
Clone number	4D6
Myeloma	x63-Ag8.653
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab27148 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

Target

Relevance Simazine and atrazine are triazine compounds which were commonly used as herbicides. They are now restricted use pesticides due to safety concerns and their levels in drinking water must be monitored.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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