

PRODUCT SPECIFICATION

STATENS
SERUM
INSTITUT



HYB 269-01 Anti Cyanazine

Mouse monoclonal antibody

Article No.	48802 (0.2 mL), 101069 (1.0 mL)		
Product Name	HYB 269-01 Anti Cyanazine		
Clone	2G4		
Subclass	IgG2a / kappa		
Description	Preparation:	Protein-A purified	
	Concentration:	1 mg/mL \pm 10%, based on A ₂₈₀ . See Certificate of Analysis for details.	
	Solvent:	PBS, pH 7.2 – 7.4	
	Storage:	2–8 °C	
Antigen	The pesticide (herbicide) cyanazine.		
Immunogen	Cyanazine-derivative coupled to carrier protein.		
Specificity	No cross-reactivity for other compounds has been found.		
Epitope Specificity	Not determined.		
Reactivity	This antibody is highly reactive to surfaces coated with proteins conjugated with cyanazine-derivatives such as HAP 0026 (1). In a competitive assay the antibody can be inhibited by ppb amounts of free cyanazine.		
Culture Medium	Dulbecco's modified Eagle's medium with 10 % fetal calf serum.		
Fusion Partner	X63-Ag8.653.		
Immunization	Female CF1xBalb/c F1 hybrid mice were immunized i.p. with immunogen.		
Application	Method	Usability	References
	ELISA	yes	1
	Immunoblotting	nd.	
	Immunofluorescence	nd.	
References	1) Bruun, L., Koch, C., Jakobsen, M.H., Pedersen, B., Christiansen, M. & Aamand, J. 2001: Characterization of monoclonal antibodies raised against different structures belonging to the s-triazine group of herbicides. Analytica Chimica Acta 436, 87-101.		

Conditions

For research use only. Not for use in diagnostic procedures. Not for therapeutic use or applications.

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