

Product Datasheet

Alkylphenol Antibody - BSA Free NBP2-88841

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NBP2-88841

Alkylphenol Antibody - BSA Free

Product Information	
Unit Size	0.5 ml
Concentration	0.8 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2)

Product Description	
Description	This working antibody solution is stable for at least 7 days at 4C. Precautions should be taken upon storage for longer periods. Problems of long term stability may occur with highly diluted solution. For long storage purposes in solution the addition of sodium azide at 0.02 % is advised with the appropriate precautions of use.
Host	Rabbit
Species	Non-species specific



Specificity/Sensitivity	<p>Target: Alkylphenols (a family of comparable compounds; as an example nonylphenol is given), CAS no.: 104-40-5 The antibody was tested for specificity using 2 conjugates: BSA-C6-AP and BSA-C8-AP</p> <p>The antibody was tested for specificity using 2 conjugates: BSA-C6-AP and BSA-C8-AP</p> <p>Cross Reactivity with BSA-C6-AP; BSA-C8-AP:</p> <p>Octylfenol: 100%; 100%</p> <p>4-tert-Butylphenol: 6%; 7%</p> <p>2-sec-Butylphenol: 1%; 0%</p> <p>4-pentylphenol: 556%; 367%</p> <p>4-n-heptylphenol: 256%; 194%</p> <p>4-n-propylphenol: 33%; 10%</p> <p>2-n-propylfenol: 0%; 0%</p> <p>4-Isopropylphenol: 6%; 10%</p> <p>4-n-hexylphenol: 300%; 500%</p> <p>4-chloro-2-cyclo-hexylphenol : 0%; 1%</p> <p>nonylphenol(tech): 12%; 18%</p> <p>4-n-nonylphenol: 30%; 50%</p> <p>Bisphenol A: 8%; 7%</p> <p>4-cumylphenol: n.d; 200%:</p> <p>4-Octylphenol: n.d; 10%</p> <p>4,4'-(ethylidene) bisphenol: n.d; 10%</p> <p>Bisphenol A diglycidyl ether: n.d; 100%</p> <p>Phenol: n.d</p> <p>4,4'cyclohexylidene bisphenol: n.d; 200%</p> <p>Bis-(4-hydroxyphenyl)-methane: n.d; 200%</p>
Immunogen	BSA-C6-alkylphenol conjugate
Product Application Details	
Applications	ELISA, Immunoaffinity Purification
Recommended Dilutions	ELISA, Immunoaffinity Purification

Application Notes

The antibody may be used in ELISA and IAC. For ELISA, the recommended dilution is 1:300 to 1:3000, depending on the conjugate used for detection. For positive controls ELISA plates are coated with 400 ng/ml BSA-conjugated C6:C8-alkylphenol.

Immuno-affinity-chromatography





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-88841

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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