

Product Datasheet

Alkylphenol Antibody - BSA Free NBP2-88842

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NBP2-88842

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 solutions. For long storage purposes to diluted solutions 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. The following lists cross Reactivity with: BSA-C6-AP; BSA-C8-AP</p> <p>4-Octylfenol: 100%; 100%</p> <p>4-tert-Butylphenol: 67%; 27%</p> <p>2-sec-Butylphenol: 8%; 1%</p> <p>4-pentylphenol: 1167%; 2000%</p> <p>4-n-heptylphenol: 142%; 133%</p> <p>4-n-propylphenol: 500%; 250%</p> <p>2-n-propylfenol: 0.20%; 0%</p> <p>4-Isopropylphenol: 333%; 100%</p> <p>4-n-hexylphenol: 667%; 1667%</p> <p>4-chloro-2-cyclo-hexylphenol: 0%; 1%</p> <p>nonylphenol(tech): 20%; 134%</p> <p>4-n-nonylphenol: 42%; 40%</p> <p>bisphenolA: 4%; 7%</p> <p>4-cumylphenol: n.d.; 10%</p> <p>4,4'-(ethylidene) bisphenol: n.d.; 10%</p> <p>Bisphenol-A: n.d.; 0.1%</p> <p>Bisphenol A diglycidyl ether: n.d.; 1%</p> <p>4,4'cyclohexylidene bisphenol: n.d.; 0,1%</p> <p>Bis-(4-hydroxyphenyl)-methane: n.d.; 1%</p>
Immunogen	BSA-C8-alkylphenol conjugate
Product Application Details	
Applications	ELISA, Immunoaffinity Purification
Recommended Dilutions	ELISA, Immunoaffinity Purification
Application Notes	<p>The antibody may be used in ELISA and IAC. For ELISA, the recommended dilution is 1:200, depending on the conjugate used for detection. For positive controls ELISA plates are coated with 400 ng/ml BSA-conjugated C6:C8-alkylphenol.</p> <p>Immuno-affinity-chromatography</p>



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Products Related to NBP2-88842

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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