

Product Datasheet

Polynuclear Aromatic Hydrocarbons Antibody (BAP-13) - BSA Free NB500-479

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Publications: 3

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NB500-479**Polynuclear Aromatic Hydrocarbons Antibody (BAP-13) - BSA Free**

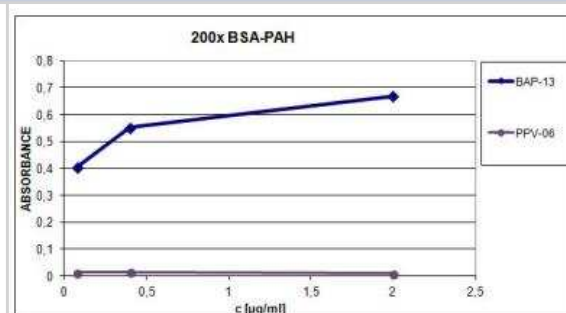
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BAP-13
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Multi-step
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Description	Novus Biologicals Mouse Polynuclear Aromatic Hydrocarbons Antibody (BAP-13) - BSA Free (NB500-479) is a monoclonal antibody validated for use in ELISA and ICC/IF. Anti-Polynuclear Aromatic Hydrocarbons Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	The antibody BAP-13 is specific for Polynuclear Aromatic Hydrocarbons. The antibody BAP-13 inhibits DNA adduct formation (this ability was investigated in rat liver microsomes spiked with calf thymus DNA and 7,8-diol-B[a]P).
Immunogen	Benzo[a]pyrenyl-1-butyric acid conjugated to BSA.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	ELISA 1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
Application Notes	Purity is > 95% (by SDS-PAGE). This antibody inhibits DNA adduct formation (this ability was investigated in rat liver microsomes spiked with calf thymus DNA and 7,8-diol-B[a]P).

Images

ELISA: Polynuclear Aromatic Hydrocarbons Antibody (BAP-13) [NB500-479] - ELISA detection of benzo(a)pyrene using mouse monoclonal antibody BAP-13, compared with isotype control antibody PPV-06.



Publications

Suchanek M, Scharnweber T, Fisher M et al. Monoclonal antibodies specific to polynuclear aromatic hydrocarbons. Folia Biol (Praha);47(3):106-7. 2001-01-01 [PMID: 11409316]

De Buck SS, Bouche FB, Brandenburger A, Muller CP. Modulation of the metabolism and adverse effects of benzo[a]pyrene by a specific antibody: a novel host factor in environmental carcinogenesis? . Carcinogenesis;26(4):835-44. 2005-04-01 [PMID: 15637092]

Scharnweber T, Fisher M, Suchanek M et al. Monoclonal antibody to polycyclic aromatic hydrocarbons based on a new benzo[a]pyrene immunogen. Fresenius J Anal Chem;371(5):578-85. 2001-11-01 [PMID: 11767882]





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 NB500-479

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB500-479UV	Polynuclear Aromatic Hydrocarbons Antibody (BAP-13) [DyLight 350]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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