

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

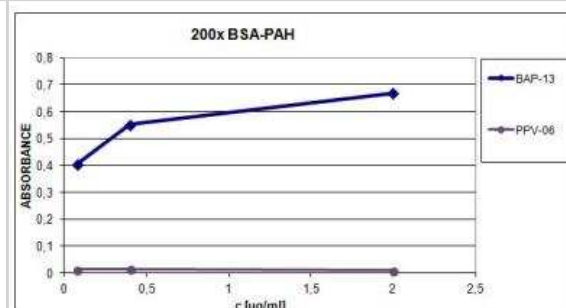
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	BAP-13
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Multi-step
Buffer	PBS (pH 7.4)

Product Description	
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]





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Products Related to NB500-479

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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.

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