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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Purified Mouse Monoclonal Antibody to Benzo[a]pyrene

**CLX175AP**

- Size:** 0.1 mg
- Clone:** BAP-13
- Isotype:** Mouse IgG1
- Specificity:** 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.
- Application:** **Immunocytochemistry**  
The antibody BAP-13 is suitable for immunocytochemical analysis of DNA and protein adducts of benzo[a]pyrene in tissues of various species.  
**ELISA**
- Purity:** > 95% (by SDS-PAGE)
- Purification:** Purified from ascites by precipitation methods.
- Concentration:** 1 mg/ml
- Storage Buffer:** Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
- Storage / Stability:** Store at 2-8oC. Do not freeze. Do not use after expiration date stamped on vial label.
- References:** \*Suchanek M, Scharnweber T, Fisher M, Knopp D, Niessner R: Monoclonal antibodies specific to polynuclear aromatic hydrocarbons. Folia Biol (Praha). 2001;47(3):106-7.  
\*Scharnweber T, Fisher M, Suchanek M, Knopp D, Niessner R: Monoclonal antibody to polycyclic aromatic hydrocarbons based on a new benzo[a]pyrene immunogen. Fresenius J Anal Chem. 2001 Nov;371(5):578-85.  
\*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. 2005 Apr;26(4):835-44.

**Laboratory Reagent For Research Use Only**

JK 06/19/177

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