

Benzo[a]pyrene monoclonal antibody, clone BAP-13

Catalog # MAB3600

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against Benzo[a]pyrene.
Immunogen	Benzo[a]pyrene conjugated with BSA.
Host	Mouse
Reactivity	Bovine, Rat
Specificity	This antibody is specific to Polynuclear Aromatic Hydrocarbons. This 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).
Form	Liquid
Isotype	IgG1
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.09% sodium azide)
Storage Instruction	Store at 4°C. Do not freeze. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunocytochemistry
- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Modulation of the metabolism and adverse effects of benzo\[a\]pyrene by a specific antibody: a novel host factor in environmental carcinogenesis?](#)

De Buck SS, Bouche FB, Brandenburger A, Muller CP.

Carcinogenesis 2005 Apr; 26(4):835.

Application: C-ELISA, Rat, Livers extracted

- [Monoclonal antibody to polycyclic aromatic hydrocarbons based on a new benzo\[a\]pyrene immunogen.](#)

Scharnweber T, Fisher M, Suchanek M, Knopp D, Niessner R.

Fresenius' Journal of Analytical Chemistry 2001 Nov; 371(5):578.

Application: C-ELISA, Airborne aerosols, Recombinant protein

- [Monoclonal antibodies specific to polynuclear aromatic hydrocarbons.](#)

Suchanek M, Scharnweber T, Fisher M, Knopp D, Niessner R.

Folia Biologica 2001 Mar; 47(3):106.

Application: ELISA, Mouse, Hybridoma cells