

Technical Data Sheet

Product

Anti-Benzo[a]pyrene Purified

Cat. Number/Size

11-339-C025

0.025 mg

11-339-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	Benzo[a]pyrene
Clone	BAP-13
Format	Purified
Application	ICC, ELISA
Application details	Immunocytochemistry: The antibody BAP-13 is suitable for immunocytochemical analysis of DNA and protein adducts of benzo[a]pyrene in tissues of various species.
Isotype	Mouse IgG1
Specificity	The antibody BAP-13 is specific for Polynuclear Aromatic Hydrocarbon and 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.

Concentration	1 mg/ml
Preparation	Purified by sequential steps of physicochemical fractionation (differential precipitation and solid-phase chromatography methods).
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References	www.exbio.cz
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