

ARG62674 anti-Benzo[a]pyrene antibody [BAP-13]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BAP-13] recognizes Benzo[a]pyrene
Tested Reactivity	Other
Tested Application	ELISA, ICC/IF
Specificity	The clone BAP-13 is specific for Polynuclear Aromatic Hydrocarbons. 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).
Host	Mouse
Clonality	Monoclonal
Clone	BAP-13
Isotype	IgG1
Target Name	Benzo[a]pyrene
Immunogen	Benzo[a]pyrenyl-1-butyric acid conjugated to BSA.
Conjugation	Un-conjugated

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	ICC/IF	Assay-dependent
Application Note	ICC/IF: The clone BAP-13 is suitable for immunocytochemical analysis of DNA and protein adducts of benzo[a]pyrene in tissues of various species. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

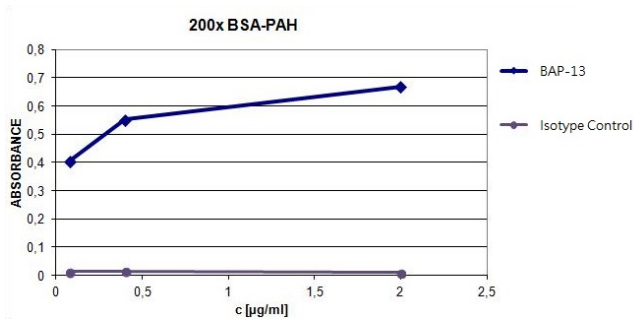
Form	Liquid
Purification	Purified from ascites by precipitation methods.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Research Area

Cell Biology and Cellular Response antibody; Controls and Markers antibody

Images



ARG62674 anti-Benzo[a]pyrene antibody [BAP-13] ELISA image

ELISA: Detection of Benzo[a]pyrene using ARG62674 anti-Benzo[a]pyrene antibody [BAP-13], compared with an isotype control antibody.