

Summary

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

Package: 100 μg Store at: -20°C

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 lgG1 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.