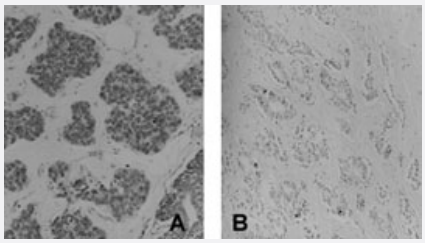
4-amino Biphenyl monoclonal antibody, clone 4C11

Catalog # MAB2405 Size 100 uL

Applications



Immunohistochemistry

Immunohistochemical analysis of 4-amino Biphenyl on human breast tumor tissue with high (A) and low (B) adduct levels using 4-amino Biphenyl monoclonal antibody, clone 4C11 (Cat # MAB2405). Images courtesy of Dr. Regina Santella.

Specification

Product Description	Mouse monoclonal antibody raised against 4-amino Biphenyl DNA.
Immunogen	4-amino Biphenyl.
Host	Mouse
Specificity	This antibody is specific to 4-amino Biphenyl DNA.
Form	Liquid
Recommend Usage	Immunohistochemistry (1:50-1:100) Immunocytochemistry (1:50-1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.09% sodium azide
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Immunohistochemical analysis of 4-amino Biphenyl on human breast tumor tissue with high (A) and low (B) adduct levels using 4-amino Biphenyl monoclonal antibody, clone 4C11 (Cat # MAB2405). Images courtesy of Dr. Regina Santella.

- Immunocytochemistry

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- Neonatal ontogeny of murine arylamine N-acetyltransferases: implications for arylamine genotoxicity.

  McQueen CA, Chau B.

  Toxicological Sciences 2003 Jun; 73(2):279.

- Evaluation of 4-aminobiphenyl-DNA adducts in human breast cancer: the influence of tobacco smoke.

  Faraglia B, Chen SY, Gammon MD, Zhang Y, Teitelbaum SL, Neugut AI, Ahsan H, Garbowski GC, Hibshoosh H, Lin D, Kadlubar FF, Santella RM.

  Carcinogenesis 2003 Apr; 24(4):719.

  Application: IHC-P, Human, Human breast cancer

- Quantitative immunohistochemical analysis of 4-aminobiphenyl-DNA in cultured cells and mice: comparison to gas chromatography/mass spectroscopy analysis.

  al-Atrash J, Zhang YJ, Lin D, Kadlubar FF, Santella RM.

  Chemical Research in Toxicology 1995 Jul; 8(5):747.

  Application: C-ELISA, IF, IHC-Fr, Mouse, Bladders, Livers, Lungs, R52 cells