



Mouse anti-Human E2A-Pbx1 monoclonal antibody, clone H390-2 (CABT-B9203)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	H390-2
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	FC
Format	Liquid
Concentration	0.5 mg/ml
Size	100 μ g
Buffer	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.
Storage	Store undiluted at -20°C .

BACKGROUND

Introduction	Reacts with E2A-Pbx1, a chimeric gene product of approximately 90 kDa which is the result of t(1, 19) (q23;p13.3) chromosomal translocation. Sequences of Pbx1 from chromosome 1 are juxtaposed adjacent to sequences of the E2A gene on chromosome 19. The translocation
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results in the transcription of a unique chimeric protein E2A-Pbx1 with an amino acid sequences not present on E2A or Pbx alone. E2A-Pbx1 is found only in cells with the t(1, 19) translocation. It is detectable in the nucleus of 697 cell line (a pre-B cell line). E2A-Pbx1 is considered to be an oncoprotein, however, the oncogenic mechanism has not been fully elucidated.

Keywords

E2A-Pbx1; PBX1; E2A; TCF3; TCF3-PBX1; transcription factor 3; PBX homeobox 1
