



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

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|---------------------------|---|
| 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 µg |
| Buffer | Aqueous buffered solution containing ≤0.09% sodium azide. |
| Storage | Store undiluted at -20°C. |

BACKGROUND

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| 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 |
|---------------------|---|

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
