
Mielogram evaluation

96,4% of blasts; small size cells; hemodiluted and highly hypocellular

Immunofluorescence markers

Positive B-antigens: CD10, CD19, CD22, cytoplasmatic CD79a, cytoplasmatic IgM, CD38, HLA-DR, TdT, CD58

Negative for CD3, CD4, CD7, CD8, CD13, CD20, CD33, CD34, CD117 and mieloperoxidase

Biomolecular study

BCR-ABL p190 and p210: negative

PBX1: positive in the first phase

Bone marrow analysis upon diagnosis. CD: cluster of differentiation; TdT: terminal deoxynucleotidyl transferase; PBX1: PBX Homeobox 1