



*Do NOT routinely order the following: *BCR/ABL1* FISH or PCR, FISH for *PDGFRB* or *FGFR1*, mast cell flow cytometry

**Detection of the t(5;14)(q31;q32) [IGH/IL3] mutation is associated with B-lymphoblastic leukemia with reactive eosinophilia.

***If there is significant dysplasia (hypercellularity, few odd megakaryocytes, ring sideroblasts, etc.), consider adding next-generation sequencing and FISH for *PDGFRB*, *FGFR1*, *ABL1*, and *JAK2*, as rarely these may be cryptic.