

# Myeloblast

Myeloblast is the **first** morphologically recognizable **precursor** granulopoiesis cell in the bone marrow. It has a large **round** core with little condensed chromatin and well-visible 3-5 nuclei. Compared to erythrocytes, it is about 2 times larger (14–20µm in diameter). There is only a very small border of the cytoplasm around the nucleus, which stains **strongly basophilic** and does not contain **any granules**. Sometimes a perinuclear halo may be noticeable. Myeloblast matures in promyelocyte.



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## Links

### Related articles

- Hematopoiesis (histology)

### References

- LÜLLMANN-RAUCH, Renate. *Histology*. 1. edition. Prague : Grada, 2012. ISBN 978-80-247-3729-4.
- MESCHER, Anthony L – JUNQUEIRA, Luiz Carlos Uchôa. *Junqueira's Basic Histology*. 12. edition. United States : McGraw-Hill Education - Europe, 2009. 480 pp. ISBN 9780071630207.