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Promonocyte

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Category: Laboratory Hematology > Basic cell morphology > Morphologic variants of white blood cells > Promonocyte

Description:

Blood smear showing Promonocyte (arrow), May-Grünwald-Giemsa stained. Promonocytes have nuclear and cytoplasmic characteristics that are between those of monoblasts and mature monocytes. The nucleus is more irregular than that of a monoblast and is often indented. Nucleoli are present and nuclear chromatin is more immature and delicate than that of a mature monocyte. The gray-blue cytoplasm contains uniformly distributed, fine, azurophilic granules with generally few cytoplasmic vacuoles.



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