We derive the gravitomagnetic field in the \$\Lambda\$CDM and Modified Newtonian Dynamics (MOND) paradigms before showing that the the gravitomagnetic force at the edge of a galaxy can be in accord with only one of them. We notice that MOND enhances the precession of a gyroscope embedded in the gravitational saddle point of the Sun-Jupiter system, and the near future technology can detect the enhancement.