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**Fractional derivatives of Bloch type functions.** (Russian, English) [Zbl 1102.32003](#)  
[Sib. Mat. Zh. 46, No. 2, 394-402 \(2005\)](#); translation in [Sib. Math. J. 46, No. 2, 308-314 \(2005\)](#).

Summary: Some integral characterizations of Bloch type functions are given in terms of fractional derivatives, and their characterizations in terms of Carleson type measures are also obtained.

**MSC:**

- [32A37](#) Other spaces of holomorphic functions of several complex variables (e.g., bounded mean oscillation (BMOA), vanishing mean oscillation (VMOA)) Cited in **3** Documents
- [30D45](#) Normal functions of one complex variable, normal families
- [32A30](#) Other generalizations of function theory of one complex variable

**Keywords:**

[fractional derivatives](#); [Bloch type function](#); [Carleson type measure](#)

**Full Text:** [EMIS](#) [EuDML](#)