



GFI1 Mouse Monoclonal Antibody

E10-30098

Background: This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis. It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. Expression of GFI1 ranges from the hematopoietic and lymphoid system, to sensory epithelia, lung and parts of the CNS.

Catalog Number: E10-30098

Amount: 100µg/100µl

Clone Number: 5D7

Species: Mouse IgG1

MW: 45kDa

Aliases: SCN2; GFI-1; ZNF163; FLJ94509; GFI1

Entrez Gene: 2672

Immunogen: Purified recombinant fragment of human GFI1 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000,
ELISA: Propose dilution 1/10000.

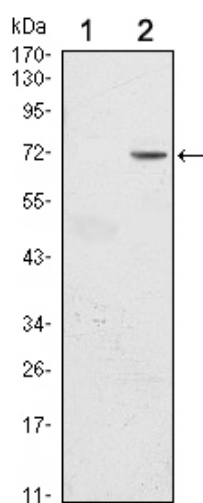


Figure 1: Western blot analysis using GFI1 mAb against HEK293 (1) and GFI1-hlgGfC transfected HEK293 (2) cell lysate.

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