

Mouse Monoclonal Antibody to GFI1

Catalogue Number	sAP-0450
Target Molecule	<p>Name: GFI1</p> <p>Aliases: SCN2; GFI-1; ZNF163; FLJ94509; GFI1</p> <p>MW: 45kDa</p> <p>Entrez Gene ID: 2672</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human GFI1 expressed in E. Coli.
Recitative Species	Human
Clone	MM5D7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	<p>1. Genome Res. 2006 Jan;16(1):55-65. ; 2. Blood. 2007 Jan 1;109(1):100-8. ; 3. J Steroid Biochem Mol Biol. 2007 Mar;103(3-5):742-6.</p>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**