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Product datasheet for AM06509SU-N

GFI1 Mouse Monoclonal Antibody [Clone ID: 5D7]

Product data:

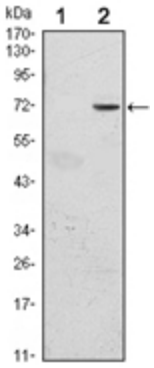
Product Type:	Primary Antibodies
Clone Name:	5D7
Applications:	ELISA, WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Blot:** 1/500 - 1/2000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human GFI1 expressed in E. Coli.
Specificity:	Recognizes GFI1
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	45 kDa
Gene Name:	growth factor independent 1 transcriptional repressor
Database Link:	Entrez Gene 2672 Human Q99684

View online »

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.

Synonyms: Zinc finger protein 163, GFI1, Gfi-1

Product images:



Western blot analysis using GFI1 antibody Cat.-No AM06509SU-N against HEK293 (1) and GFI1 (AA: 2-250)-hIgGFc transfected HEK293 (2) cell lysate.