

## GF11 Ab

[Images\(1\)](#)

Cat.#: BF0377                      Concn.: ~1mg/ml                      Mol.Wt.: 45kDa  
Size:                                      Source: Mouse                      Clonality: Monoclonal

Application:                      ELISA 1:10000, WB 1:500-1:2000  
\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human

Storage:                      Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human GF11 expressed in E. Coli.

Uniprot:                      Q99684

Description:                      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.

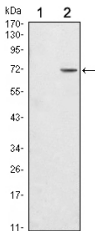


Figure 1: Western blot analysis using GF11 mAb against HEK293 (1) and GF11(AA: 2-250)-hIgGFc transfected HEK293 (2) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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