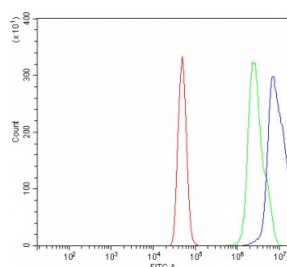


MAFG Antibody / V-maf musculoaponeurotic fibrosarcoma oncogene homolog G (RQ7982)

| Catalog No. | Formulation | Size |
|-------------|---|--------|
| RQ7982 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

Bulk quote request

| | |
|--------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Antigen affinity purified |
| Clonality | Polyclonal (rabbit origin) |
| Isotype | Rabbit IgG |
| Purity | Antigen affinity purified |
| Buffer | Lyophilized from 1X PBS with 2% Trehalose |
| UniProt | O15525 |
| Applications | Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells |
| Limitations | This MAFG antibody is available for research use only. |



Flow cytometry testing of human A431 cells with MAFG antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MAFG antibody.



Western blot testing of human K562 cell lysate with MAFG antibody. Predicted molecular weight ~18 kDa.

Description

Transcription factor MafG is a bZip Maf transcription factor protein that in humans is encoded by the MAFG gene. Globin gene expression is regulated through nuclear factor erythroid-2 (NFE2) elements located in enhancer-like locus control regions positioned many kb upstream of alpha- and beta-gene clusters. NFE2 DNA-binding activity consists of a heterodimer containing a ubiquitous small Maf protein and the tissue-restricted protein p45 NFE2. Both subunits are members of the activator protein-1-like superfamily of basic leucine zipper (bZIP) proteins.

Application Notes

Optimal dilution of the MAFG antibody should be determined by the researcher.

Immunogen

Amino acids LVPKGVAATSVITIVKSKTDARS were used as the immunogen for the MAFG antibody.

Storage

After reconstitution, the MAFG antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.