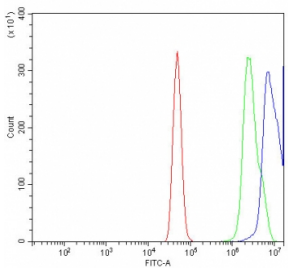
MAFG Antibody / V-maf musculoaponeurotic fibrosarcoma oncogene homolog G (RQ7982)

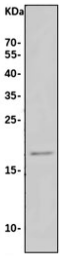
Catalog No.	Formulation	Size
RQ7982	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
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

Amio acids LVPGKVAATSVITIVKSKTDARS were used as the immunogen for the MAFG antibody.

Storage

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

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