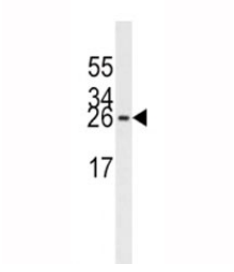
EIF4E Antibody [clone 163CT48.1.9] (F53514)

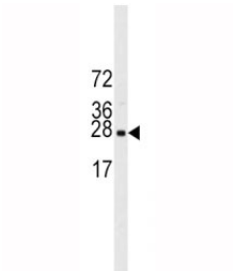
Catalog No.	Formulation	Size
F53514-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

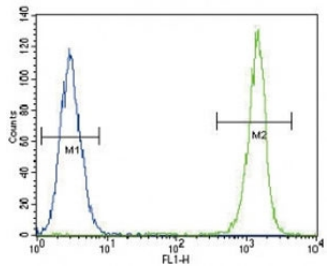
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, k
Clone Name	163CT48.1.9
Purity	Ascites
UniProt	P06730
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This EIF4E antibody is available for research use only.



EIF4E antibody western blot analysis in Jurkat lysate. Predicted molecular weight ~27 kDa.



EIF4E antibody western blot analysis in mouse NIH3T3 lysate. Predicted molecular weight ~27 kDa.



EIF4E antibody flow cytometric analysis of Jurkat cells (green) compared to a negative control (blue).

Description

EIF4E recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structures.

Additional EIF4E antibody formats and validation data are available on our main EIF4E Antibody page.

Application Notes

Titration of the EIF4E antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

This EIF4E antibody is generated from mouse immunized with EIF4E recombinant protein.

Storage

Aliquot the EIF4E antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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