

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

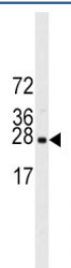
Catalog No.	Formulation	Size
F53514-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

**Bulk quote request**

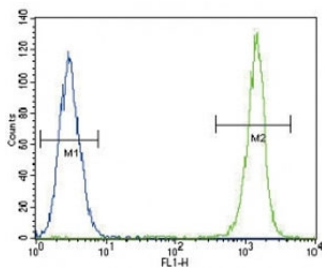
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Ascites
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, k
<b>Clone Name</b>	163CT48.1.9
<b>Purity</b>	Ascites
<b>UniProt</b>	P06730
<b>Applications</b>	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
<b>Limitations</b>	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.

## 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.