

## 10-6568: Mouse Monoclonal Antibody to EIF4B (Clone: 355CT12.6.5)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	355CT12.6.5
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	EIF4B
<b>Gene ID :</b>	1975
<b>Uniprot ID :</b>	P23588
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Eukaryotic translation initiation factor 4B, eIF-4B, EIF4B
<b>Isotype :</b>	Mouse IgG1,Kappa
<b>Immunogen Information :</b>	Recombinant Protein

### Description

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F.

### Product Info

<b>Amount :</b>	80 $\mu$ l / 400 $\mu$ l
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:100~1000

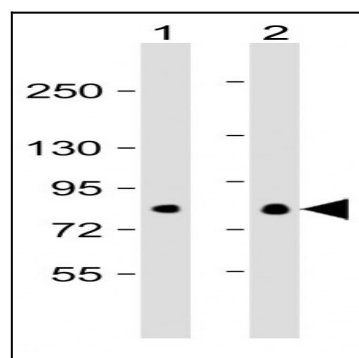


Figure 1: All lanes : Anti- EIF4B Antibody (10-6568) at 1:1000 dilution with Lane 1: A431 whole cell lysate, Lane 2: Hela whole cell lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa.

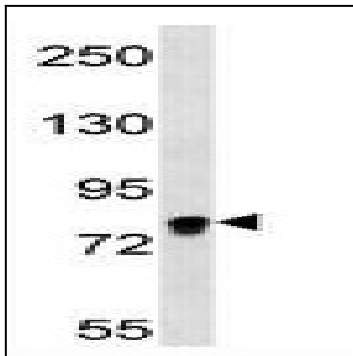


Figure 2: Western blot analysis of EIF4B Antibody (10-6568) in Jurkat cell line lysates (35 $\frac{1}{4}$ g/lane). This demonstrates the EIF4B antibody detected the EIF4B protein.