

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

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

Amount :	80 μ l / 400 μ l
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	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

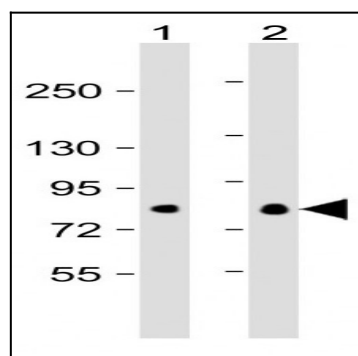


Figure 1: All lanes : Anti- EIF4B Antibody (10-6568) at 1:1000 dilution with Lane 1: A431 whole cell lysate, Lane 2: Hela whole cell lysates/proteins at 20 μ g per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa.

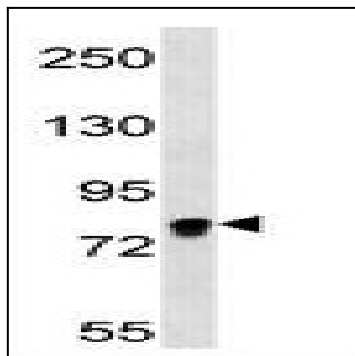


Figure 2: Western blot analysis of EIF4B Antibody (10-6568) in Jurkat cell line lysates (35 $\frac{1}{4}$ g/lane). This demonstrates the EIF4B antibody detected the EIF4B protein.