



eIF4A1 Mouse mAb

Cat No: HR1AM2247

For research use only

Overview

Product Name	eIF4A1 Mouse mAb
Source	Mouse
Applications	WB, IHC, IF
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	WB 1:1,000-3,000 IF 1:100-200 IHC 1:100-200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	48kDa
GeneID?Human?	1973
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	DDX2, eIF 4A I, Eukaryotic initiation factor 4A-1, ATP-dependent RNA helicase eIF4A-1,DDX2A
Background	The eukaryotic initiation factor-4A (eIF4A) family consists of 3 closely related proteins EIF4A1, EIF4A2, and EIF4A3. These factors are required for the binding of mRNA to 40S ribosomal subunits. Eukaryotic initiation factor (eIF) complex 2 forms a ternary complex with GTP and the initiator Met-tRNA – this process is regulated by guanine nucleotide exchange and phosphorylation and serves as the main regulatory element of the bottleneck of protein expression.