

Product name:	eIF2A Rabbit Monoclonal Antibody
Cat number:	MABN85526
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human eIF2A
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500-1:1000, ICC 1:50-1:200
Molecular Weight:	Calculated MW: 65 kDa; Observed MW: 65 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in TBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNA _i to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA _i to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNA _i to 40 S subunits in a GTP-dependent manner.