

<b>Product name:</b>	eIF2A Rabbit Monoclonal Antibody
<b>Cat number:</b>	MABN01935
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide of human eIF2A
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB 1:500-1:1000, ICC/IF 1:50-1:200
<b>Molecular Weight:</b>	Calculated MW: 65 kDa; Observed MW: 65 kDa
<b>Purification:</b>	Affinity Purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	Functions in the early steps of protein synthesis of a small number of specific mRNAs. Acts by directing the binding of methionyl-tRNA <sub>i</sub> to 40S ribosomal subunits. In contrast to the eIF-2 complex, it binds methionyl-tRNA <sub>i</sub> to 40 S subunits in a codon-dependent manner, whereas the eIF-2 complex binds methionyl-tRNA <sub>i</sub> to 40 S subunits in a GTP-dependent manner.